

1892

Calendar of Wellesley College 1892-1893

Wellesley College

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CALENDAR

OF

WELLESLEY COLLEGE.



COLLEGE HALL.

1892-93.

BOSTON :

FRANK WOOD, PRINTER, 352 WASHINGTON STREET.

1893.

Calendar.

1892.

Entrance Examinations begin 9 A. M. . . . Wednesday, September 7.
 Academic Year begins 8 A. M. . . . Thursday, September 8.
 Recess from 12.30 P. M. Wednesday, November 23, until 12 M. Friday, November 25.
 Recess from 5 P. M. Wednesday, December 14, until 8 A. M. Thursday, January 5, 1893.

1893.

Examinations begin 9 A. M. . . . Saturday, January 14.
 Day of Prayer for Colleges . . . Thursday, January 26.
 Second Semester begins 8 A. M. . . . Friday, January 27.
 Holiday . . . Wednesday, February 22.
 Recess from 5 P. M. Wednesday, March 22, until 8 A. M. Tuesday, April 4.
 Examinations begin 9 A. M. . . . Tuesday, June 6.
 Entrance Examinations begin 9 A. M. . . . Tuesday, June 6.
 COMMENCEMENT . . . Tuesday, June 20.
 ALUMNÆ DAY . . . Wednesday, June 21.
 SUMMER VACATION FROM JUNE 20 TO SEPTEMBER 6.

Entrance Examinations (see page 19) . . . September 6-9.
 Academic Year begins 8 A. M. . . . Thursday, September 7.
 Recess from 12.30 P. M. Wednesday, November 29, until 12 M. Friday, December 1.
 Recess from 5 P. M. Wednesday, December 13, until 8 A. M. Thursday, January 4, 1894.

1894.

Examinations begin 9 A. M. . . . Saturday, January 13.
 Day of Prayer for Colleges . . . Thursday, January 25.
 Second Semester begins 8 A. M. . . . Friday, January 26.
 Holiday . . . Thursday, February 22.
 Recess from 5 P. M. Wednesday, March 21, until 8 A. M. Tuesday, April 3.

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* Died January 23, 1893.

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1894.

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1895.

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† The term expires at the annual meeting of the year indicated.

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Wellesley College,

WELLESLEY, MASS.

WELLESLEY COLLEGE was established in 1875, for the purpose of furnishing young women who desire to obtain a liberal education, such advantages and facilities as are enjoyed in institutions of the highest grade.

By the charter, "the corporation of Wellesley College is authorized to grant such honorary testimonials, and confer such honors, degrees, and diplomas, as are granted or conferred by any University, College, or Seminary of learning in this Commonwealth; and the diplomas so granted shall entitle the possessors to the immunities and privileges allowed, by usage or statute, to the possessors of like diplomas from any University, College, or Seminary of learning in this Commonwealth."

The College is undenominational, but distinctively and positively Christian in its influence, discipline, and instruction. The systematic study of the Bible is required. Daily service is held in the chapel. The Sunday services are conducted by ministers of different denominations.

Wellesley is on the Boston and Albany Railroad, fifteen miles west of Boston. The town is known as one of the most healthful in Massachusetts. The College grounds include more than three hundred acres, and give ample opportunity for exercise and recreation. Lake Waban affords a most attractive place for boating and skating.

Two systems of lodging are in use at Wellesley,—the cottage system and the hall system. College Hall (arranged in suites consisting of study and sleeping room) accommodates three hundred and twelve persons; Stone Hall (with single apartments and four dining rooms), one hundred and seven; Freeman Cottage, fifty-one; Wood Cottage, forty-eight; Norumbega Cottage, thirty-eight; The Eliot, thirty-one; Simpson Cottage, twenty-three; Waban Cottage, ten. Each Hall has an elevator. About eighty students find boarding places in Wellesley village.

The health of the students is considered of primary importance. In the construction of the buildings this has been constantly kept in view. Everything possible has been done to give an abundance of light, sunshine, fresh air and pure water. The health of the students is in the care of two

resident physicians. A hospital, separated from the rest of College Hall, is provided for those who may be ill, and a nurse is in constant residence. No charge is made for attendance or medicine, except in case of prolonged illness. All the rooms are thoroughly furnished, and supplied with student lamps. All the buildings are supplied with hot and cold water. The drainage, natural and artificial, is excellent. College Hall, Stone Hall, Freeman, Wood, Norumbega, and Simpson Cottages are located on hills, and the ground slopes from them in every direction, so that stagnant waters and dampness are impossible.

Requirements for Admission.

A CANDIDATE for admission must be at least sixteen years of age, and must present satisfactory evidence of good moral character and good health. A blank form for the certificate of health will be sent to her on July 20th. This certificate and a testimonial as to moral character, must be received by the President before September 1st.

No preparatory department is connected with the College.

Candidates for the Freshman Class of 1893 or 1894 must pass satisfactory examinations in the following subjects:—

1. ENGLISH GRAMMAR, RHETORIC, COMPOSITION, AND LITERATURE.
2. GEOGRAPHY.
3. HISTORY.
4. MATHEMATICS.
5. LATIN.
6. GREEK, OR FRENCH OR GERMAN; OR FRENCH AND GERMAN.

If both French and German are offered, only the minimum* amount will be required in each. If only one of these languages is offered, the maximum requirement must be met (see pp. 17, 18).

In or after 1895, the language requirement will be as follows:—

1. LATIN (p. 16).
2. GREEK, OR FRENCH, OR GERMAN (pp. 17, 18)
3. ABILITY TO READ EASY PROSE IN EITHER OF THE LANGUAGES UNDER 2, NOT ALREADY PRESENTED (see pp. 17, 18).

N. B.—It is proposed soon to require a year of Natural Science for admission to College; until required, it may be offered instead of language 3.

* For minimum requirement in French, see p. 32, Course A. For minimum requirement in German, see p. 28, Course A.

The requirements in each of the subjects of examination for admission are as follows :—

1. ENGLISH GRAMMAR, RHETORIC, COMPOSITION, AND LITERATURE.

Grammar.—Analysis and Criticism of Sentences.

Rhetoric.—Choice of Words, Construction of Sentences, and Figures of Speech.

For text-book, A. S. Hill's *Principles of Rhetoric*, Kellogg's *Text-Book on Rhetoric*, or Hart's *Composition and Rhetoric*, is recommended.

Composition.—The examination essay should be written on one of three subjects, and should cover not less than two pages (foolscap); it should be correct in punctuation, capital letters, spelling, and grammar, and should show proficiency in the principles of Rhetoric named above. In order to meet these requirements, students should have frequent practice in composition during the last years of the preparatory course.

The subjects for the examination essay will be taken from the English Literature required for the year. These subjects will be given to the candidate at the time of the examination, and from them one is to be chosen upon which the essay is to be written in the class room, without reference to books.

Literature.—Critical reading, with literary analysis and class discussion, of the books set by the Commission of New England Colleges. The list runs for 1893, 1894, 1895, and 1896 as follows :—

LITERATURE FOR 1893.—Shakespeare's *Julius Cæsar* and *Twelfth Night*; Scott's *Marmion*; Longfellow's *Courtship of Miles Standish*; Addison's *Sir Roger de Coverley Papers*; Macaulay's *Second Essay on the Earl of Chatham*; Emerson's *American Scholar*; Irving's *Sketch Book*; Scott's *Ivanhoe*; Dickens' *David Copperfield*.

LITERATURE FOR 1894.—Shakespeare's *Julius Cæsar* and *Merchant of Venice*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; The *Sir Roger de Coverley Papers* in the "*Spectator*"; Macaulay's *Second Essay on the Earl of Chatham*; Emerson's *American Scholar*; Irving's *Sketch Book*; Scott's *Abbot*; Dickens' *David Copperfield*.

LITERATURE FOR 1895.—Shakespeare's *Merchant of Venice* and *Twelfth Night*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*; Longfellow's *Evangeline*; The *Sir Roger de Coverley Papers* in the "*Spectator*"; Macaulay's *Essays on Milton* and on Addison; Webster's *First Bunker Hill Oration*; Irving's *Sketch Book*; Scott's *Abbot*.

LITERATURE FOR 1896.—Shakespeare's *Merchant of Venice* and *Midsummer Night's Dream*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*; Longfellow's *Evangeline*; Macaulay's *Essay on Milton*; Webster's *First Bunker Hill Oration*; De Foe's *History of the Plague in London*; Irving's *Tales of a Traveller*; Scott's *Woodstock*; George Eliot's *Silas Marner*.

2. GEOGRAPHY :—

Guyot's *Physical Geography*, Parts II. and III., or an equivalent; *Modern Geography*; *Ancient Geography*, especially of Greece, Italy, and Asia Minor.

3. HISTORY :—

A brief history of the United States to the close of the Revolutionary War; of Greece to the Peloponnesian War; and of Rome to the close of the first century A. D.

4. MATHEMATICS :—

Arithmetic.—Fundamental Rules, Common and Decimal Fractions, Compound Numbers, Proportion, Percentage, Square and Cube Root, and the Metric System of Weights and Measures.

Algebra.—Through Involution, Evolution, Radicals, Quadratic Equations, Ratio, Proportion, Arithmetical and Geometrical Progression, Inequalities.

Plane Geometry.—As found in Chauvenet, or its equivalent.

Deficiency in preparation usually results from one or more of the following causes: the use of elementary text-books, insufficient length of time spent in preparation, neglect of exercises in original demonstration in Geometry, and neglect of reviews in both Algebra and Geometry. The text-books recommended are: Olney's Complete School Algebra and Chauvenet's Geometry. Candidates prepared with elementary text-books only cannot be received on certificate. One and a third years, with daily recitations, is the minimum time in which satisfactory preparation can be made in Algebra; and one year with daily recitations is the minimum in Geometry. We strongly urge the necessity of constant exercise in original demonstration in Geometry, with frequent written examinations in both Algebra and Geometry, the problems proposed being drawn from other sources than the text-books.

5. LATIN :—

Grammar, including Prosody.

Jones's Exercises in Latin Prose Composition entire, or an equivalent both in amount and in principles involved.

Cæsar, Gallic War, four books.

Cicero, seven orations.

Virgil, *Æneid*, six books.

Equivalents will be accepted; but verse will not be accepted for prose, nor anything in place of Prose Composition. Constant practice in reading at sight is urged. Both the entrance examinations and the conduct of the work in College require such previous training.

The following suggestions are offered for a four years' course of preparation :—

The first year may be given to Jones's First Lessons in Latin, or the Beginner's Latin Book, Collar and Daniell; the second, to Cæsar (four books) and to the first half of Jones's Exercises in Latin Prose Composition, or of Collar's Practical Latin Composition, or Daniell's Exercises in Latin Composition, Part I.; the third year may be given to seven orations of Cicero, and the second half of Jones or Collar, or Daniell, Part II.; and the fourth, to six books of Virgil and the careful study of rules of Prosody, accompanied by such exercises in transposition of verses as will make these rules familiar.

In pronunciation, the following rules are adopted: *ā* as in father; *ǣ* as in fast; *ē* as in fête; *ĕ* as in festal; *ī* as in machine; *î* as in machination; *ō* as in holy; *ŏ* as in wholly; *û* as in ruse; *Û* as in puss; *c*, *g*, and *ch* always hard; *j* like *y* in you; *s* as in sill; *t* as in till; *v* somewhat softened, like the German *w*. In diphthongs the sound of each vowel is preserved. Practice in marking long vowels is important.

6. GREEK:—

Grammar. *The etymology must be thoroughly mastered.*

Prose Composition, Jones's or Winchell's entire, or a satisfactory equivalent.

Xenophon, *Anabasis*, three books.

Homer, *Iliad*, three books.

Candidates must be prepared to translate at sight both Attic and Homeric Greek of average difficulty.

The text-books recommended are: For the first year, either Hadley and Allen's, or Goodwin's Grammar, with Boise's, White's, or Keep's First Lessons.

Particular attention should be given to the correct writing of Greek with the accents, to exercises both oral and written, and to the use of the blackboard for constant practice upon forms and constructions.

The following pronunciation is recommended: *a* as *a* in father; *η* as *e* in prey; *ι* as *i* in machine; *ω* as *o* in prone; *υ* as French *u*. The short vowels should be merely somewhat shorter than the corresponding long vowels; *αι* as *ay* in *aye*; *ει* as *ei* in height; *οι* as *oi* in oil; *υι* as *ui* in quit; *αυ* as *ou* in house; *ευ* as *eu* in feud; *ου* as *ou* in youth; *γ* before *κ*, *γ*, *χ*, *ξ* as *n* in anger, elsewhere hard; *θ* as *th* in thin; *χ* guttural, as *ch* in German *machen*.

The teachers of language in the preparatory schools are urged to insist upon the use of simple and idiomatic English in translation.

Ability to read at sight either easy French or German prose is strongly recommended to all classical students, but is not as yet required.

MAXIMUM REQUIREMENT IN FRENCH.

If French only is presented the candidate must be prepared to meet the maximum requirement. She will be examined on the following books or their equivalents:—

La deuxième Année de Grammaire, by Larive et Fleury (or any other grammar in French).

Colomba, by Mérimée.

Les Fables de La Fontaine, first book.

Six of *La Fontaine's* fables committed to memory.

Bôcher's College Plays; not less than two.

Contes Choisis, by A. Daudet.

Special drill in idioms: Grandgent's Materials for composition based on "*L'Abbé Constantin*" and "*Le Siège de Berlin*."

The candidate will be expected to be familiar with French grammatical forms and usage, and to have given special attention to composition and conversation. La Fontaine's fables are especially recommended for drill in conversation.

MAXIMUM REQUIREMENT IN GERMAN.

If German only is presented, the candidate must be prepared to meet the maximum requirement:—

(1) A distinct German pronunciation, which may be acquired at the outset by a course in phonetics; (2) A knowledge of the important rules of elementary grammar, which the student should be able to state in German, and to illustrate by original examples; (3) Ability to understand spoken German, an easy lecture or novel, which will be acquired if German is made the language of the classroom; (4) Fluency in conversation upon simple topics, and knowledge of German idioms, which are gained by object lessons according to Pestalozzi's *Anschauungs Method* and by constant recitation in German; (5) Ability to understand and recite some short specimens of choice lyric poetry; (6) Ability to translate easy German at sight; (7) Ability to translate easy English into German, to write simple compositions, and to use the German script.

These results can be obtained by the following course, or its equivalents:—

Grammar: *Deutsche Grammatik*, by Wenckebach-Schrakamp, pp. 1-156 and 193-291.

Prose composition: *German Composition*, by Ch. Harris; written abstracts of lessons in conversation and stories from the *Lesebuch*.

Reading: *Deutsches Lesebuch*, by Wenckebach, pp. 1-126 and 154-247, studied according to the directions given in the preface. An easy story for practice in sight reading (*e. g.*, Meissner's *Aus meiner Welt*), a drama (*e. g.*, *Minna von Barnhelm*, by Lessing), and Freitag's *Aus dem Staat Friedrichs des Grossen*.

Conversation: *Deutscher Anschauungs-Unterricht*, by Wenckebach, pp. 1-52, 78-82, 91-117, 128-161. Idioms, pp. 315-332 (see preface).

Poetry: *Die Schönsten Deutschen Lieder*, compiled by Wenckebach: the first five "Volkslieder," and numbers 2, 3, 8, 10, 14, 15, 18, 19, 20, 21, 22, 23, 26, 28, 30, 32, 33, 34, 37, 40, 42, 45, 46, 47, 50, 51, 52, 59, 60, 61, 62, 63, committed to memory.

Equivalents will be accepted only in the same department of work. Thus, Reading will not be accepted instead of Grammar, Poetry instead of Conversation, etc. Candidates for the Freshman Class should not attempt difficult reading, as *Maria Stuart*, *Wilhelm Tell*, *Nathan der Weise*, etc., until they have had a thorough preparation in the different departments of the elementary work equivalent to that stated above.

The full preparation in either French or German should cover a period of at least two years, five recitations per week. This work should not be crowded into a shorter time, and should be done under competent teachers.

TIMES AND PLACES OF EXAMINATIONS.

Examinations are given in June and September at the College. Candidates may take examinations in preliminary subjects; viz., Rhetoric, History of Greece, Rome, and the United States, Ancient and Modern Geography (studied in connection with History), Physical Geography, Arithmetic, Cæsar, and Anabasis (Anabasis and Grammar), in June or September of any year before entering college; examinations in all other subjects must be taken within a year of entrance.

In June, entrance examinations may be appointed in any city where two or more candidates desire it. Application for these examinations should be made, before April 1st, to the Secretary of the Board of Examiners.

Entrance examinations will be held at the College at the following times:—

JUNE, 1893.

Tuesday, June 6th.—History of Greece, Rome, and the United States, and Ancient and Modern Geography, 9 A. M.; English, 2 P. M.; Physical Geography, 4 P. M.

Wednesday, June 7th.—Geometry, 9 A. M.; Arithmetic, 11.30 A. M.; Algebra, 2 P. M.

Thursday, June 8th.—Greek Grammar, 9 A. M.; Greek Prose Composition, 11 A. M.; French, 9 to 12 A. M.; German, 9 to 12 A. M.; Anabasis, 2 P. M.; Iliad, 3 P. M.; French, 2 to 5 P. M.; German, 2 to 5 P. M.

Friday, June 9th.—Cæsar and Cicero, 9 A. M.; Prose Composition, 11 A. M.; Virgil and Prosody, 2 P. M.

SEPTEMBER, 1893.

Wednesday, Sept. 6th.—Geometry, 9 A. M.; Arithmetic, 11.30 A. M.; Algebra, 2 P. M.

Thursday, Sept. 7th.—Greek Grammar, 9 A. M.; Greek Prose Composition, 11 A. M.; French, 9 to 12 A. M.; German, 9 to 12 A. M.; Anabasis, 2 P. M.; Iliad, 3 P. M.; French, 2 to 5 P. M.; German, 2 to 5 P. M.

Friday, Sept. 8th.—Cæsar and Cicero, 9 A. M.; Prose Composition, 11 A. M.; Virgil and Prosody, 2 P. M.

Saturday, Sept. 9th.—History of Greece, Rome, and the United States, Ancient and Modern Geography, 9 A. M.; English, 2 P. M.; Physical Geography, 4 P. M.

ADMISSION ON CERTIFICATE.

RIGHT OF CERTIFICATION

1. The Principal of a preparatory school who wishes a student to enter on his certificate in September, must apply for the right of certification not later than April 1st. In response to this application a blank form will be sent, which the Principal is requested to fill out and return, sending with it a catalogue or circular of the school.

2. The right of certification is given for the first year on trial, and only to schools which have students in preparation for Wellesley College. If the first students prove satisfactory, the right of certification will be continued for three years.

CERTIFICATE OF SCHOLARSHIP.

1. The Principal of the preparatory school must present a certificate of scholarship for each candidate. Blank forms will, on application, be sent to the Principal.

2. All certificates must be forwarded in time to be received at the College by July 3rd, unless special arrangements have been made with the Board of Examiners. On or before July 20th each candidate will be informed of the decision with regard to her certificate. This decision will be sent, also, to the Principal who is responsible for her preparation.

3. All certificates must show distinctly that the candidate has met in detail the requirements as published in the current Calendar. Whenever any variation has been allowed, the work done must be specifically stated and offered as an equivalent, to be accepted or refused.

4. All certificates must be signed by the Principal of the school, and countersigned by the assistants who have instructed the candidate.

5. Examinations in preliminary subjects, *i. e.*, Rhetoric, History of Greece, Rome, and the United States, Ancient and Modern Geography, Physical Geography, Arithmetic, Cæsar, Greek Grammar, and the *Anabasis*, may be held at any time before entering College. Examinations on all other subjects must be held within a year of entrance.

6. The candidate who has received the certificate of a Principal will not be exempt from the entrance examinations in any particular subject, unless her certificate shows that she has satisfactorily accomplished the full amount of work required in that subject. Any student whose certificate is found on July 3rd to be deficient in more than three final or six preliminary subjects, may be refused the privilege of presenting supplementary certificate, or of taking examination the following September.

7. Candidates will not be admitted if conditioned in two, or heavily conditioned in one, of the following subjects: Latin, Greek, French, German, or Mathematics.

8. Upon the acceptance of the certificates of scholarship, health, and character (see pp. 14, 20), the student is received on probation, and upon satisfactorily completing the work of the first semester of the Freshman year, is matriculated for the Baccalaureate degree.

All communications concerning entrance examinations and certificates should be addressed to the Secretary of Wellesley College, Wellesley, Mass.

ADMISSION TO ADVANCED STANDING.

Candidates for advanced standing must fulfill the requirements for admission to the Freshman class, and must also be prepared to be examined in the required studies previously pursued by the class which they wish to join, and in a sufficient number of electives to give full standing with that class.

Students from other colleges may present certificates for the consideration of the Faculty, in connection with the examinations.

All correspondence should be addressed to the Secretary of the College.

Special Students.

OPPORTUNITIES are offered to students who are not candidates for a degree, but who are fitted for college work, and wish to avail themselves of college libraries and laboratories. Teachers who desire to devote a year or more to study along special lines, will find ample opportunity for prosecuting such work. All courses, graduate as well as undergraduate, are open to special students, subject to the conditions stated by the various departments. Candidates for admission as special students will, on application, receive a circular describing the conditions of entrance. They must furnish the usual certificates of character and of health, and must give evidence of such scholarship and mental maturity as will enable them to pursue successfully the studies they select. Every special student is expected to choose a primary subject, to which she will devote the greater part of her time, and in which she should elect two or more courses. She may pursue one or more allied subjects as secondary electives. Ten class exercises per week is the minimum, and seventeen the maximum, amount of work allowed.

Any student who creditably completes a prescribed group of courses in two or more departments will be granted a certificate. A circular describing these groups will be sent on application.

Special students cannot, during their first year, be lodged in the college buildings, but may find comfortable lodgings in the village. Application for entrance as a special student should be presented by the 15th of June.

Correspondence should be addressed to the Secretary of the College.

Examinations.

EXAMINATIONS are held at the end of each semester.

Examinations for advanced standing, or to make up deficiencies, are offered three times a year, at the semester examinations and during the days of the entrance examinations in September. Students intending to take such examinations should report to the departments concerned a week before these examinations begin.

Degrees.

THE following degrees will be conferred by the Trustees upon recommendation of the Academic Council:—

Bachelor of Arts.
 Bachelor of Science.
 Bachelor of Music.
 Master of Arts.

After 1894 the degree of Bachelor of Science will not be conferred.

The New Curriculum.

IN 1893 a new curriculum will be introduced. In accordance with its requirements fifty-nine hours must be completed for graduation; of these, twenty-six will be required; the rest, elective. The student must show before graduation that six courses have been taken as follows: either (*a*) three in each of two subjects; or (*b*) three or four courses in one subject, with three or two courses in one or two tributary subjects.

The required work in any subject may in general be counted in, making up the series, but Course A in either German or French may not be so counted.

The required subjects are as follows : Mathematics, four hours. Philosophy, three hours. Physiology and Hygiene, one hour. Bible, four hours. English, three hours. Natural Science, six or seven hours¹. Language, three or four hours².

Of these subjects, Mathematics must be taken in the freshman year ; Physiology and Hygiene in the sophomore year ; Bible, two hours per week in both freshman and sophomore years ; English, in the freshman, sophomore, and junior years, one hour per week each year. Of the Natural Sciences, one before the junior year¹, and the other at any time during the course ; language may be taken in any year.

Philosophy should be taken in the junior year, save in exceptional cases.

Elocution, two appointments per week will be required in the sophomore year.

More than seventeen class exercises per week will not be allowed except by vote of the Academic Council.

Graduate Instruction.

GRADUATES of Wellesley College and of other institutions of equal rank, may pursue studies in this College, whether they make application for a higher degree or not. Graduate students in residence are given personal direction, and special opportunities for study.

Candidates for the degree of Master of Arts are strongly advised to work for the second degree *in residence* either at Wellesley College or in some institution of equal rank.

Candidates for the Master's degree must already have taken the Bachelor's degree. One year is the minimum time required of all candidates studying in residence ; but it must be understood that only students of ability and maturity will be able to complete the work in so short a time.

The work of every graduate student is under the direction of a special committee of the Academic Council.

Non-resident candidates for a second degree will pay a registration fee of ten dollars, and a final fee of twenty-five dollars upon receiving the Master's degree.

¹ If a Natural Science is taken in the freshman year, it will be required four hours per week ; otherwise three hours per week.

² If Language is taken in the freshman year, it will be required four hours per week ; otherwise three hours per week.

The Master's degree will not be conferred upon non-resident candidates earlier than two years after the Bachelor's degree has been received. Graduates of Wellesley College may take their entire graduate course in non-residence, but in this case they must be under instruction specially approved by the Academic Council. Graduates of other colleges must spend at least one year in residence at Wellesley College.

Work for the Master's degree will henceforth not be conducted by correspondence.

In all cases examinations, either with or without theses, will be required; these examinations must be taken at Wellesley College.

Courses of Instruction.

THE following Courses of Instruction are offered by the several departments, those from which undergraduates are excluded being marked with brackets. The College reserves the right to withdraw the offer of any elective study when not chosen by at least six students.

GREEK.

1. Lysias (selected orations); Plato: Apology and Crito; Greek into English, exercises based on prose read; Homer: Odyssey (selections amounting to about 2,500 verses). *Open to students who satisfy, either by certificate or examination, the requirements for admission. Four hours per week for a year. Full course.*
Miss Montague, Miss Edwards.
2. Herodotus and Thucydides (selections); Æschylus: Persians; exercises in prose composition. *Open to students who have completed Course 1. Three hours per week for a year. Full course.*
Professor Irvine, Miss Edwards.
3. *a.* Thucydides (selections); Æschylus: Seven against Thebes; Euripides: Alcestis.
b. Isocrates: Panegyric; Demosthenes: On the Crown; Euripides: Iphigenia among the Taurians: *Open to students who have completed Courses 1 and 2. Three hours per week for a year. Full course.*
(Course *a*), Miss Edwards. (Course *b*), Miss Montague.

4. Origin and development of Greek Drama. Reading and criticism of selected dramas; Æschylus: Prometheus; Sophocles: Œdipus Tyrannus, Antigone, Electra; Euripides: Bacchæ. A study of all the extant plays of Æschylus and Sophocles is made by special topics. *Open to students who have completed Courses 1, 2, and 3 or 10. Three hours per week for a year. Full course.*

Professor Chapin.

5. Plato: Phædo; history of elegiac and lyric poetry with readings from Tyrtaeus, Mimnermus, Theognis, Archilochus, Alcæus, Sappho, Simonides, Anacreon, Pindar and Theocritus. *Open to students who have completed Courses 1, 2, and 3 or 10. Three hours per week for a year. Full course.*

Professor Chapin.

7. [Greek Syntactical Seminary. Study of the Historical Development of Syntactical Usage. *Three hours per week for a year.*

Professor Irvine.]

8. Homer. Readings and lectures. *Open to students who have completed Courses 1 and 2. Three hours per week for the first semester. One-half course.*

Professor Irvine.

9. Methods of reading and teaching Greek. *Open to students who have completed Courses 1 and 2. Three hours per week for the second semester. One-half course.*

Professor Irvine.

GREEK TESTAMENT.

1. Life of Christ; text study of the Gospels; special study of the Gospel of St. John; lectures. An elective in Bible study for juniors. *Open to students who have completed Course 1 of classical Greek. Two hours per week for a year.*

Professor Chapin.

2. Life and writings of St. Paul; text study of the Acts and Epistles; lectures. An elective in Bible study for seniors. *Open to students who have completed Course 1 of classical Greek. Two hours per week for a year.*

Professor Chapin.

COURSES FOR 1893-94.

2. Attic orators: selections chiefly from Isocrates and Demosthenes; prose composition; Æschylus: Seven against Thebes. *Open to students who have completed Course 1. Three hours per week for a year. Full course.*

Associate Professor Montague.

3. Historians: selections chiefly from Herodotus and Thucydides; Æschylus: Persians. *Open to students who have completed Courses 1 and 2. Three hours per week for a year. Full course.*

Associate Professor Montague.

5. History of Greek Poetry. Lectures and readings; minor poems of Homer; Hesiod; elegiac poets; lyric fragments; Pindar; Theocritus; later poetry; modern folk-songs. *Open to students who have completed Courses 1, 2, and 3 or 10. Three hours per week for a year. Full course.*

Professor Chapin.

6. Private life of the Greeks; lectures and readings; Aristophanes (selected comedies). *Open to students who have completed Courses 1, 2, and 3 or 10. Three hours per week for a year. Full course.*

Professor Irvine.

10. Plato. Phædo; selections chiefly from the Republic. *Open to students who have completed Courses 1 and 2. Three hours per week for a year. Full course.*

Associate Professor Montague.

The selections will be planned to elucidate some special subject as treated by Plato.

SCHOOL OF CLASSICAL STUDIES AT ATHENS.—This College has become a contributor to the support of the American School of Classical Studies at Athens. The school affords facilities for archæological and classical investigation and study in Greece, and graduates of this College are entitled to all its advantages without expense for tuition.

II. LATIN.

1. Livy: Book XXI; prose composition based on Livy; Cicero: De Senectute; prose composition based on Cicero; Tacitus: Germania and Agricola; history of the Roman Empire during the first century; Capes' Early Roman Empire. *Three hours per week for a year. Full course.*

Professor Irvine, Miss Young.

2. Pliny: Letters (selections); study of Roman life in the first century; Horace: Satires, Epistles, Odes, and Epodes (selections). *Three hours per week for a year. Full course.*

Miss Hawes.

3. Plautus; Terence: selected plays; Juvenal: selected satires; Cicero: De Natura Deorum. *Three hours per week for a year. Full course.*

Miss Hawes.

4. Lucretius: selections; Quintilian, Book X.; Cicero: selections from rhetorical and philosophical works. *Three hours per week for a year. Full course.*

Dr. Webster.

5. *Lyric, Idyllic, and Elegiac Poetry (selections); verse composition. *Three hours per week for a year. Full course.*

Professor Lord.

COURSES FOR 1893-94.

1. Cicero: selected letters; exercises in prose composition based on Cicero's Letters; Tacitus: Germania and Agricola; history of the Roman Empire during the first century A. D. Capes' Early Roman Empire; Horace: selected odes. *Open to students who have met entrance requirements. Four hours per week for a year. Full course.*

2. Lyric Poetry. Horace: Odes and Epodes. *Open to students who have had Course 1. Three hours per week for one semester. One-half course.*

Professor Lord, Miss Hawes.

3. Epistles. Pliny's Letters, with selections also from Cicero and Horace; studies in Roman Life. *Open to students who have had Course 1. Three hours per week for one semester. One-half course.*

Professor Lord, Miss Hawes.

4. Drama. Selected plays of Plautus, Terence, Seneca. *Open to students who have had Course 1. Three hours per week for one semester. One-half course.*

Miss Hawes.

5. Satire. Selections from Horace, Persius, and Juvenal. *Open to students who have had Course 1. Three hours per week for one semester. One-half course.*

Miss Hawes.

6. Historians. Sallust, Livy, Tacitus, with collateral readings from Cicero, Pliny, and other authors. *Open to students who have had Course 1. Three hours per week for a year. Full course.*

Miss Hawes.

7. Philosophical Writings. Lucretius, Cicero, Seneca. *Open to students who have had two full courses, or equivalents. Three hours per week for a year. Full course.*

Professor Lord.

*Not offered in 1892-93.

8. Rhetorical Writings. Selections from Quintilian and Cicero. *Open to students who have had two full courses, or equivalents. Three hours per week for one semester. One-half course.*

Professor Lord.

9. Lyric, Idyllic, and Elegiac Poetry. *Open to students who have had the equivalent of two full courses, including the half-courses 2 and 4. Three hours per week for a year. Full course.*

Professor Lord.

III. GERMAN.*

I.

- A. Elementary Course.—Grammar, prose composition, reading, conversation, memorizing of poetry. *Three hours per week for a year. Full course.*

Fräulein Margarethe Müller.

- B. Elementary Course.—Topics as in Course A. *Three hours per week for a year. Full course.*

Fräulein Habermeyer.

- C. Elementary Course.—Covering the amount of Courses A and B. *Six hours per week for a year. Two full courses.*

Fräulein E. Müller, Fräulein Habermeyer.

Wenckebach's German text-books; Deutsche Grammatik, Lesebuch, Anschauungs-Unterricht, Die Schönsten Deutschen Lieder and Harris' German Composition are used in the above courses. Meissner's Aus meiner Welt and Lessing's Minna von Barnhelm are read and translated. The aim of Courses A, B, and C is to give the students a knowledge of elementary German grammar in the German language, ability to understand with ease spoken German, fluency in conversation upon simple topics, and in translating easy German into English, and *vice versa*. Special attention is paid to the writing in German of the summaries of the topics read and discussed in the class, to the memorizing of choice lyric poetry, to the acquirement of a correct German pronunciation, and to the writing of the German script.

1. Scientific German, translation from German into English. *Three hours per week for a year. Full course.*

Fräulein Habermeyer.

The course is intended to give a reading knowledge of German through the medium of translation only, for the use of the German language in History, Natural Sciences, and other college studies. Books translated are Meissner's Aus meiner Welt, Eichendorff's Aus dem Leben eines Taugenichts, or Gore's German Science Reader, Schiller's Geschichte des Dreissigjährigen Krieges.

* Courses A, B (or C), 2-4, 6 and 7, 11 and 12 must be taken consecutively; the others are elective. Courses A-11 are open to all students; Courses 12-16 to juniors, seniors, and graduate students; Course 17 to graduate students only.

2. Grammar and Composition (Intermediate Course). *One or two* hours per week for a year. One-third or two-thirds course.*

Fräulein Elsbeth Müller.

Review of elementary grammar and proficiency in more advanced grammar. Constant practice in prose composition (Harris), and letter writing.

3. Schiller (Elementary Course). Lectures, reading, and translation, memorizing of poetry. *One hour per week for a year. One-third course.*

Fräulein Elsbeth Müller.

Schiller's life, with his early dramas, is made the basis of easy lectures and discussions in German, so that the student may become accustomed to follow an uninterrupted train of thought, and learn to think connectedly in a foreign language.

4. Translation and Conversation (Intermediate Course). *One hour per week for a year. One-third course.*

Fräulein Elsbeth Müller.

The chapters on "Philosophy" and "Art" in Wenckebach's *Deutscher Anschauungs-Unterricht* are translated into English, and made the subject of oral discussions in German. Texts read and translated: Scheffel's *Ekkehard*; Grillparzer's *Sappho*.

5. Grammar and Composition (Advanced Course). *One hour per week for a year. One-third course.*

Fräulein Elsbeth Müller.

The principles of advanced grammar are continued according to the best German grammars. Constant practice in *Prose Composition* (Buchheim).

6. Goethe's Life and Works. Lectures, class-room discussions, essays, memorizing of poetry. *One hour per week for a year. One-third course.*

Fräulein Margarethe Müller.

Critical study of the principal characteristics of Goethe as a man, a dramatist, and a lyric poet. Much of the time will be devoted to reading (without translation) *Götz von Berlichingen*, *Werther*, *Egmont*, *Iphigenie*, etc., and to oral discussion and criticism of the texts. Reference books: Goethe's *Dichtung und Wahrheit*; Bernay's *Der junge Goethe*; H. Grimm, *Goethe*.

7. Germanic Mythology and *Wölsungensaga*. Lectures, recitations, and reading. *One hour per week for a year. One-third course.*

Professor Wenckebach.

The main facts of Germanic Mythology and Sagas, as found in the *Edda*, Grimm's *Deutsche Mythologie*, Dahn's *Walhall* and Raszmann's *Die Deutsche Heldensage* are treated. A knowledge of these myths and sagas furnishes a valuable basis for the understanding of the Old and Middle High German literature.

* The second hour is for freshmen, who are expected to take a four-hours' course.

8. German Prose, historical and other novels. Lectures, reading, discussions, essays. *One hour per week for a year. One-third course.*

Fräulein Margarethe Müller.

Presentation of the historical development of the German novel, in lectures. Study of the modern novel in its form, character, and relation to German life. Special study of Freytag's, Dahn's, and Scheffel's historical novels (without translation).

9. Theory of the Drama, illustrated by Schiiller's dramas. Lectures, discussions, reading. *One hour per week for a year. One-third course.*

Professor Wenckebach.

Treatment of the historical development of dramatic poetry. Study of the structure of the drama according to Freytag's *Technik des Dramas*. Analysis of Don Carlos, Maria Stuart, Wallenstein, Wilhelm Tell. Reference books: Carrière's *Die Poesie*; Kleinpaul's *Poetik*.

10. Translation from German into English. Advanced Course. *One hour per week for a year. One-third course.*

Fräulein Elsbeth Müller.

Systematic training in translating difficult German into idiomatic English. The texts read and translated will be selected from scientific, historical or philosophical works.

11. History of German Literature to 1100. History of the German Language. Lectures, discussions, reading, memorizing of poetry. *One hour per week for a year. One-third course.*

Professor Wenckebach.

The aim of these lectures is to trace the parallel development of the language, literature, social conditions, and religious ideals of the times. The works read and discussed are: the Merseburger Zaubersprüche, the Hildebrandslied, the Wessobrunner Gebet, Muspilli, Selections from the Heliand, Otfried's Krist, Roswitha's dramas, the Waltharilied, etc., according to Wenckebach's *Deutsche Literaturgeschichte* and *Musterstücke*, Scherer's *Geschichte der deutschen Literatur*, Freytag's *Bilder aus der deutschen Vergangenheit*, Könnecke's *Bilderatlas*.

12. History of German Literature from 1100-1624. Lectures, discussions, reading, memorizing of poetry. *One hour per week for a year. One-third course.*

Professor Wenckebach.

The method, aim, and reference books of this course are the same as in the preceding course. Chief topics: the Nibelungenlied, the Gudrunlied, the works of Wolfram, Gottfried, Hartmann, the Minnesingers and Meistersingers, Luther, Brant, Hans Sachs and the Volkslied. The reading will consist of representative specimens of German mediæval prose and poetry as found in Wenckebach's *Meisterwerke des Mittelalters*.

13. Nineteenth Century Authors. Lectures, discussions, and reading.
One hour per week for a year. One-third course.

Fräulein Habermeyer.

Study of the more important authors of the nineteenth century in connection with the history of German civilization. Works read: Kleist's, Grillparzer's, and Gutzkow's chief dramas, the poems of Platen, Chamisso, Uhland, Rückert, Lenau, Heine, Freiligrath, Geibel, Hamerling. Reference books: the histories of literature by Kurz, Salomon, Schröer, Gottschall, König.

14. Lessing as Dramatist and Critic. Lectures, discussions, reading, essays. *One hour per week for a year. One-third course.*

Professor Wenckebach.

Treatment of Lessing's critical work in literature, theology, and æsthetics. Works read and discussed are: Minna von Barnhelm, Emilia Galotti, Nathan der Weise, the Hamburger Dramaturgie, Laokoon, Erziehung des Menschengeschlechts, Axiomata, Anti-Götze. Reference books: Erich Schmidt's Lessing, Kuno Fischer's Lessing als Reformator der deutschen Literatur, Kuno Fischer, Lessing's Nathan, Baumgart, Handbuch der Poetik.

15. Schiller as a Philosopher and a writer on Æsthetics. Lectures, discussions, and reading. *One hour per week for a year. One-third course.*

Fräulein Margarethe Müller.

Critical study of Schiller's life and philosophic-æsthetic poems and essays. Poems read: Die Künstler, Ideal und Leben; Essays: Über die æsthetische Erziehung des Menschen; Über naive und sentimentalische Dichtung. Reference books: Minor's Schiller; Kuno Fischer's Schiller als Philosoph, Überweg's Schiller als Historiker und Philosoph.

16. Goethe's Faust, Part I. and II. Lectures, discussions, essays. *Two hours per week for a year. Two-thirds course.*

Professor Wenckebach.

Extensive study of Goethe's Faust (Thomas' and Schroer's editions). Reading of selections from commentators. Contrasting of the Volksbuch von Dr. Faust with Marlowe's Faustus and the Faust-Puppenspiel. Study of the genesis of Goethe's Faust. Comparison of the Göchhausen "Urfaust" and the Fragments of 1790 with the completed First Part.

17. Deutsches Seminar. Critical study of selected topics in German literature. *Three hours per week for a year. Full course.*

Professor Wenckebach. Fräulein M. Müller.

In this course the student will be expected to select special topics relating to some particular period of German literature, and to present the results of critical study or research in connection therewith.

The language of the class room is German, except in Course 1. Besides the hearing of lectures in German and the constant speaking exercises in the class room, opportunities for further practice in speaking are offered at the German tables.

There is a well-selected library of 3,315 German books, to which students in the higher German courses are constantly referred.

II.

1. Braune's Gothic Grammar translated into English by G. H. Balg; Ulfilas' translation of the Bible: Selections; Wright's Old High German Primer; Muspilli, Ludwigslied, selections from Tatian and Otfrid; Wright's Middle High German Primer; selections from Berthold von Regensburg, Hartmann von Ouwe, Walther von der Vogelweide, and the Nibelungenlied. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Full course.*

Professor Denio.

2. Braune's Gotische Grammatik; Ulfilas' Bibelübersetzung; Braune's Althochdeutsche Grammatik; Braune's Althochdeutsches Lesebuch; Paul's Mittelhochdeutsche Grammatik; Das Nibelungenlied; selections from the Epic Poetry of the Twelfth and Thirteenth Centuries; Walther von der Vogelweide; lectures on the following subjects: The Minnesänger and Meistersänger; Rise of the Drama; Prose Literature of the Fourteenth and Fifteenth Centuries; Volkslieder; Luther; Development and growth of New High German. *Open to students who have taken four years of German. Three hours per week for a year. Full course.*

Professor Denio.

Course 1 is conducted in English; Course 2 in German.

It is the purpose of these courses to give a practical knowledge of the grammar of the Gothic, Old High German and Middle High German languages, and practice in reading.

The College possesses a large, well-selected library of works on early German literature.

IV.—FRENCH.

ELEMENTARY COURSES.

- A. L' Etude du français by Moutonnier; La Deuxième Année de Grammaire by Larive et Fleury; six fables of La Fontaine committed to memory, and made the subject of conversation; Mme. Alliot's Contes et Nouvelles; Roulier's First Book of French Composition. *Open to all students; freshmen four hours per week; all other students three hours per week for a year. Full course.*

Mlle. A. Tournier. Mlle. V. Tournier.

- B. La Deuxième Année de Grammaire by Larive et Fleury. Grandgent's Materials for French Composition; L'Abbé Constantin by L. Halévy; Le Bourgeois Gentilhomme by Molière; La Fontaine's Fables. *Open to all students; freshmen four hours per week; all other students three hours per week for a year. Full course.*

Mlle. V. Tournier.

The object of Courses A and B is to give the student a good pronunciation, a knowledge of elementary grammar, ability to understand easy French, written or spoken, and power to give in French a written or oral résumé of a French passage after the first reading.

INTERMEDIATE COURSES.

1. Kimball's Exercises in French Composition based on Daudet's *La Belle Nivernaise*; Larousse's *Grammaire Complète*, 2d Année; *Les Nouvelles Genevoises* by Töpffer; *Les Femmes Savantes* by Molière; *Athalie* by Racine; lectures on the History of the French language. *Open to all students; freshmen four hours per week; all other students three hours per week for a year. Full course.*

Mlle. Pellissier, Mlle. A. Tournier.

This Course is intended to give the student a practical knowledge of French grammar, frequent dictation exercises being used as a test; the ability to use French idioms in giving short summaries of the works read, and in translating from English into French exercises based on a French text; the ability to take notes on easy French lectures.

2. French Literature in the XVII. Century. Fleury's *Histoire de la Littérature française*; reading and criticism of *Le Cid* and *Horace* by Corneille; *Andromaque* by Racine; *Le Misanthrope* and *L'Avare*, by Molière; and selections from other authors of the same period; Mason's *French Memoirs*; exercises in composition based on *Le Buste* by About. *Open to sophomores, juniors, and seniors; three hours per week for a year. Full course.*

Mlle. Pellissier.

The object of this course is to familiarize the student with French ideas on literature and on social life in the XVII. Century. Weekly lectures in French summaries and collateral reading; exercises in translating English into French, based on a French text essays

ADVANCED COURSES.

3. French Literature in the XVIII. Century. Lectures, discussions, summaries, essays, retranslation into French from passages selected from Voltaire, Montesquieu, Rousseau, and others; translation from English into French of one of Macaulay's Essays; reading of classics; Paul Albert's *Literature*; Rambaud's *Histoire de la Révolution Française*. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Full course.*

Mlle. Pellissier.

The object of this course is to give a general view of French civilization in the XVIII. Century as shown by the literature, and the social and political institutions of the time.

4. French Literature in the XIX. Century. Lectures by the instructor and the students, collateral reading, essays and criticism; *Le Mouvement Littéraire au XIX. Siècle* by G. Pellissier. *Open to juniors and seniors. Three hours per week for a year. Full course.*
Mlle. Pellissier.

This course consists in the study of the literary evolutions which have marked the present century.

5. Elements of Romance Philology. Reading of texts in Old French, Clédât's *Grammaire élémentaire de la Vieille langue française*. Clédât's *Morceaux choisis des auteurs français du moyen âge*. *Open to juniors and seniors. Three hours per week for a year. Full course.*
Mlle. Pellissier.

The object of this course is twofold: first, to give the student an insight into the formation of the French language; second, to show the gradual development of Old French literature.

Exercises in memorizing prose and poetry are given throughout this course. French text-books are used, and recitations are conducted entirely in French. Students are taught to converse correctly and idiomatically in the class room and at the French tables.

Students in Courses 2, 3, 4 and 5 are constantly referred to the library, which contains a large collection of works on French literature and on Romance Philology.

In 1892-93 a double elective in French (six hours per week) has been given to meet the needs of students who wished to do in one year the work of Courses A and B.

V. ITALIAN.

1. Sauer's Italian Grammar with written and oral exercises, conversation, dictation; reading and translation at sight from *De Amici's Cuore*. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Full course.*
Miss Jackson.
2. Grammar; translation from English into Italian, reading from modern Italian writers; history of Italian Literature. First semester. Grammar; prose composition, reading from Dante, Petrarch, Ariosto and Tasso; history of Italian Literature. Second semester. *Open to juniors and seniors. Three hours per week for a year. Full course.*
Miss Jackson.
3. [History of Italian Literature in the XIII. and XIV. Centuries; lectures and essays. *Three hours per week for a year. Full course.*
Miss Jackson.]

4. [History of Italian Literature in the XIX. Century; essays. *Three hours per week for a year. Full course.*

Miss Jackson.]

Courses 3 and 4 will be given in alternate years.

5. Dante. Selections from the Divine Comedy (in English translations), with lectures on the history of the times. *Open to juniors and seniors. Three hours per week for one semester. One-half course.*

Miss Jackson.

Papers and collateral reading will be required from the students. A knowledge of Italian is not required.

6. French Epics of the Middle Ages. Selections from the Chanson de Roland, Paul de Cambrai, Merlin, Le Roman de Brut and Le Roman d'Alexandre in English translation. *Open to juniors and seniors. Three hours per week for one semester. One-half course.*

Miss Jackson.

Lectures on feudal society and mediæval institutions in their relation to early French literature, will be given. Papers and collateral reading will be required of the students. While a knowledge of French is not required, ability to read average prose is desirable.

The object of Courses 5 and 6 is to give students not making the Italian and French languages a specialty, some knowledge of the great Epics of the Middle Ages in Southern Europe.

VI. SPANISH.

Sauer's Spanish Grammar, with written and oral exercises, dictation, conversation, translation at sight of D'Alarcan's Novelas. *Open to juniors and seniors. Three hours per week for a year. Full course.*

Miss Jackson.

VII. ENGLISH.

I. RHETORIC AND ENGLISH COMPOSITION.

1. General Survey. The elements and qualities of Style; lectures, recitations, weekly themes. First semester. (a) Translation, Description, Narration, Criticism, Exposition, Argument; lectures, recitations, fortnightly themes. (b) Eight lectures on certain English authors regarded as masters of style. Second semester. *Required of freshmen. Two hours per week for a year. Two-thirds course.*

Professor Carpenter, Miss Weaver, Miss Hart.

2. Description, Narration, and Exposition. The elements and qualities of Style; principles of Invention; analysis of descriptions, stories, and essays; weekly or fortnightly themes; regular appointments for private criticism. *Required of sophomores. One hour per week for a year. One-third course.*
Miss Willcox, Miss Wilson.
3. Argumentation and Persuasion; a brief based on some skillful argument; three forensics, preceded by briefs; discussion of briefs and of forensics; debates once a week; criticism of the speakers. *Required of juniors. Two hours per week for the first semester; one hour a week for the second semester. One-third course.*
Mr. Baker, Miss Hart.
4. Criticism of essays presented in other departments; interviews with individual students substituted for class-room appointments; four long essays; short papers. *Required of seniors. One-third course.*
Miss Sherwood.
5. Daily Themes. Critical analysis in the class room of the themes submitted; alternative with Course 4. *One hour per fortnight for a year. One-third course.*
Miss Weaver.
6. Anglo-Saxon Literature. Study of representative Anglo-Saxon poetry and prose. *Open to juniors and seniors. Three hours per week for a year. Full course.*
Miss Weaver.

II. ENGLISH LITERATURE.

1. Outline History of English Literature. Lectures and recitations. *Three hours per week for a year. Full course.*
Offered for the first time in 1893-94. Carried as a partial course in 1892-93 by Miss Wilson.
2. English Prose to 1830. Critical studies. *Three hours per week for a year. Full course.*
Miss Sherwood.
3. Epic and Lyric Poetry in English Literature. Emphasis on Spenser. Critical studies. *Three hours per week for a year. Full course.*
Miss Jewett.
Offered for the first time in 1893-94. A semester course in Spenser was carried in 1892-93 by Professor Scudder.
4. Epic and Lyric Poetry in English Literature. Emphasis on Milton. Critical studies. *Three hours per week for a year. Full course.*
Professor Bates.
This course will be carried in 1893-94 by Miss Jewett.

5. American Literature. Lectures and themes. *One hour per week for a year. One-third course.*

Professor Bates.

This course was not given in 1892-93.

6. Victorian Prose. Lectures, discussions, and papers. *Three hours per week for a year. Full course.*

Professor Scudder.

This course will be carried in 1893-94 by Miss Sherwood.

7. English Poetry of the XIX. Century. Lectures, discussions, and papers. *Three hours per week for a year. Full course.*

Professor Scudder.

This course will be carried in 1893-94 by Miss Jewett.

8. English Literature of the XIV. Century. Critical study of Chaucer and Langland, with collateral work based mainly upon the publications of the Early English Text Society. *Three hours per week for a year. Full course.*

Professor Bates.

Offered as a full course for the first time in 1893-94. A semester course in Chaucer was carried in 1892-93 by Professor Bates.

9. English Drama. Critical study of Shakespeare, with the history of the antecedent English drama. *Three hours per week for a year. Full course.*

Professor Bates.

10. Historical Development of English Literature. *For advanced students. Three hours per week for a year. Full course.*

Offered for the first time in 1893-94.

11. [Wordsworth and Browning. *Seminary. Two hours per week for a year. Full course.*

Professor Scudder.]

This course will not be offered in 1893-94.

12. English Drama. Shakespeare's contemporaries and successors. *Seminary. Two hours per week for a year. Full course.*

Professor Bates.

The courses are elective, with the following restrictions:—

Students proposing to elect a single course must take 1.

Students proposing to elect two courses should take 2, and one of the courses designed for the training of the literary sense (2, or 3, or 4).

Students proposing to elect three courses should take 1, together with 2, or 3, or 4, and one of the courses illustrating the study of a literary epoch (6, or 7, or 8, or 9).

Students proposing to elect four courses will gain the fullest equipment for advanced study, or for teaching, by taking 8, 9, 6 or 7, and 10.

The initial courses 1 and 8 are open to any students but Freshmen. Course 5 is open to all students. The seminaries are open only to graduates and to approved undergraduates.

VIII. HEBREW.

I. HEBREW.

1. An inductive study of the elements of Hebrew and principles of syntax in connection with the text of the first eight chapters of Genesis and other selected passages. Selections from the Psalms; sight translation; Harper's Introductory Hebrew Method and Elements of Hebrew; Harper's Hebrew Syntax. *Open to juniors and seniors. Three hours per week for a year. Full course.*

Associate Professor Emerson.

ENGLISH OLD TESTAMENT.

1. Outline studies in Jewish history from the migration of Abraham to the accession of David. *Required of freshmen. One hour per week for a year. One-third course.*

Associate Professor Emerson, Miss Bigelow, Miss Everett.

2. Historical studies continued, from the accession of David to the time of Nehemiah. *Required of sophomores. Two* hours per week for a year. One-third course.*

Associate Professor Emerson, Miss Clarke.

Both these courses are conducted by means of lectures and recitations. The English Old Testament is the text-book used, with geographical study and constant reference to the results of the latest research in Old Testament lands.

IX. PHILOLOGY.

1. General Introduction to the Science of Language. Principles of language; history of Philology among the Ancients; classification of languages; study of roots; characteristics of the different Indo-European groups of languages; aims and results of philological research. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester. One-half course.*

Dr. Webster.

2. Introduction to the Science of Comparative Philology. *Open to sophomores, juniors, and seniors. Three hours per week for the second semester. One-half course.*

Dr. Webster.

3. Comparative Grammar of Greek and Latin. King and Cookson's Comparative Grammar of Greek and Latin. Phonology. First semester. Morphology and Syntax; Delbrück's Introduction to the Study of Languages. Second semester. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Full course.*

Dr. Webster.

*After 1892-93 one hour per week.

Works to which special reference is made throughout the course are:—Brugmann's Comparative Grammar, Paul's Principles of the History of Language, King and Cookson: Sounds and Inflections, Brugmann's Griechische Grammatik, and Stolz' Lateinische Grammatik.

4. Historical Latin Grammar, with readings from Gellius, Varro, Quintilian, and Cicero. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Full course.*

Dr. Webster.

Passages from these authors which throw light upon the philological knowledge of the Romans, will be selected for this course.

5. Sanskrit. Perry's Primer; Whitney's Grammar; Lanman's Reader; lectures. *Open to juniors and seniors. Three hours per week for a year. Full course.*

Dr. Webster.

6. Elementary course in Old English. *Open to freshmen, sophomores, juniors, and seniors. *Three hours per week for a year. Full course.*

Dr. Webster.

7. Old English. Sievers-Cook's Old English Grammar; Cynewulf: Elene; Beowulf; history of the development of the English language; study of dialects. References: Skeat, Sweet, Whitney, March, Earle, Morris and Champneys. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Full course.*

Dr. Webster.

8. Comparative Grammar of the Teutonic languages. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Full course.*

Dr. Webster.

Courses 1, 2, and 6 are offered for the first time in 1893-94. Not more than four of the courses offered in this department will be read in any year.

GRADUATE STUDENTS may join classes taking Courses 1, 2, 3, 5, and 7. Those desiring to carry on more advanced study will be specially directed in their work.

X. PHILOSOPHY.

1. Outline Studies in Psychology and Moral Philosophy. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Full course. Psychology. First semester.*

Miss Calkins.

Moral Philosophy. Second semester.

Professor Morgan.

*Four hours, if taken in the freshman year.

1. **Æsthetics.** Hegel's theory regarding beauty compared with other phases in the history of Æsthetics; text-book: *The Philosophy of the Beautiful*, by William Knight; psychological study of the imagination with verification in the biographies of artists; application of principles of æsthetics studied in a series of art compositions. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Full course.*
Professor Morgan.
3. **The Regenerating Life of the Christ.** The Bible presentation of the regeneration of man in the life of Jesus Christ; the basis of faith in the Christian Religion compared with the basis in other religions. *Open to juniors. Two hours per week for a year. Two-thirds course.*
Professor Morgan.
4. **Logic.** Fowler's text-book on the forms of induction and deduction; problems in argumentation and criticism. *Open to sophomores, juniors, and seniors. Three hours per week for one semester. One-half course.*
Professor Morgan.
5. **Types of Ethical Theory.** Psychological investigation of the laws of human mind as propædæutic basis for theories to account for moral experience and justify ethical methods; the doctrine of evolution applied to account for the modes of individual conduct and the history of social and civil institutions and customs; the types of ethical theory verified in the differing phases of ethical conduct revealed in literature and other art records. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Full course.*
Professor Morgan.
6. **Psychology as Propædæutic to Philosophy.** Text-book: Dewey's *Psychology*. Exercises in psychological analysis, including an extended analysis by each student of a given case of visual perception; study of the relations of Epistemology, Æsthetics, and Ethics, to Psychology and Ontology. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Full course.*
Associate Professor Case.
7. **Experimental Psychology.** Lectures; class discussions; laboratory work, with printed directions and under supervision; investigation of a special topic by each student. Text-book: James's *Briefer Course in Psychology*. *Open to sophomores, juniors, and*

seniors. *Three hours per week for a year. Laboratory work averaging from one to two hours per week. Full course.*

Miss Calkins.

Additional reading from Locke, Hume, Berkeley, Mill, Spencer, Ladd, James, Preyer, and others.

8. History of Philosophy from Thales to Hegel. Lectures on the development of thought in Europe; collateral reading. Practice in methods of reading; Berkeley's *Principles of Human Knowledge*; selections from Plato and Kant. *Open to students who have taken or are taking Courses 1, 5, 6 or 7. Three hours per week for a year. Full course.*

Associate Professor Case.

9. Locke, Berkeley, Hume. Text study of Locke's *Essay concerning Human Understanding*, Berkeley's *Principles of Human Knowledge* (Fraser's edition), Hume's *Treatise on Human Nature*, especially Parts III. and IV. (Green and Grose's edition.)
10. Greek and German Philosophy; critical study of texts; collateral Reading. *Open to students who have taken, or are taking, Courses 1, 5, 6 or 7. Three hours per week for a year.*
- a. Greek Philosophy. First semester. *One-half course.*
- b. German Philosophy. Second semester. *One-half course.*

Miss Calkins.

Fragments of Pre-Socratic Philosophers (Ritter u. Preller, Mullach, and Pat-
rick); Plato; Theætætus, Phædrus, Sophist (part), Parmenides (part), Phædo,
and Symposium (part); Aristotle: Watson's Selections (in part); Psychology,
Book III. and selections. First semester.

Kant: Critique of Pure Reason and Metaphysic of Ethics (Watson); Fichte;
Part of the *Wissenschaftslehre* (Kroeger's translation.) Second semester.

11. Philosophy of Religion. *Open to students prepared by a general ele-
mentary course in Philosophy. Three hours per week for a year.
Full course.*

Professor Morgan.

12. [Seminary in Constructive Metaphysics. Wundt's *system der Philos-
ophie.*]
13. [Seminary in Hegel. *Phänomenologie*; or, *Die Logik der En-
cyklopädie.* Miss Calkins.]

Candidates for the Bachelor's degree must select the course required in
Philosophy from the three numbered, 5, 6, 7, above.

XI. HISTORY AND POLITICAL SCIENCE.

1. Political History of England. *Open to freshmen and sophomores.
Three hours per week. One-half course. First semester.*

Associate Professor Kendall.

2. Political History of the United States. *Open to freshmen and sophomores. Three hours per week. One-half course. Second semester.*
Associate Professor Kendall.

Courses 1 and 2 aim to acquaint the student with the history of the English race in England and America. The subjects discussed are the political, social, and industrial conditions in relation to race development.

3. History of Western Europe from the Teutonic invasions to the Peace of Utrecht. *Open to freshmen and sophomores. Three hours per week for a year. Full course.*
Associate Professor Knox.

This course furnishes an outline of mediæval and early modern history, and deals in detail with the simpler political and social problem. Course 3 is prerequisite to later election. It aims to train students in methods of historical work, and to furnish a background for detailed study of particular epochs.

4. History of the French Revolution. *Three hours per week for a year. Full course.*
Professor Coman.

The course involves (1) an introductory discussion of the causes of the Revolution as developed in the reign of Louis XV., (2) a detailed study of the progress of the Revolution, and of the reaction against democratic tyranny culminating in Imperialism, (3) an inquiry into the influence of revolutionary ideas in the subsequent history of France, Germany, Italy, Spain, and Russia.

5. Constitutional History of England to 1601. *Three hours per week. One-half course. First semester.*
Associate Professor Kendall.

A study of the origin and early development of the English constitution. Stubbs is the principal authority. The class has recourse to the texts of charters and laws.

6. Constitutional History of England from the Accession of the Stuarts. *Three hours per week. One-half course. Second semester.*
Associate Professor Kendall.

A study of the later development of the English constitution and the rise of party government. Contemporary questions are debated in parliamentary form.

7. Constitutional History of the United States from 1787. *Three hours per week. One-half course. Second semester.*
Associate Professor Kendall.

A study of the formation, development, and operation of the constitution of the United States. The exercises consist of lectures by the instructor, and reports by the students on topics assigned for individual study. Time is reserved by the instructor for conference with each student in the preparation of this work. Mooted questions are discussed by the class as a whole.

8. History of European Civilization. *Three hours per week for a year. Full course.*

Associate Professor Knox.

A philosophical study of the social development of Europe, with special emphasis on the evolution of governmental institutions.

9. History of Oriental Civilization. *Three hours per week for a year. Full course.*

Associate Professor Knox.

This course deals principally with the civilization of the far East; viz., India, China, and Japan. A general survey is made of the political history of these countries, including their relations with Europe and America, but the principal subject of consideration is their civilization as it is made known through their literatures.

10. Origin of American Institutions. *Three hours per week. One-half course. First semester.*

Associate Professor Kendall.

The aim of this course is the investigation of the origin and early development of American institutions based on a study of original sources. To each student will be assigned a topic for special investigation. The exercises will consist of lectures by the instructor, and the analysis and discussion of important documents by the class.

11. Political Science. *Three hours per week. One-half course. First semester.*

Associate Professor Kendall.

This is an introductory course in the comparative study of the origin, character, development, and aim of political institutions. The work will take the form of lectures and discussions, with parallel readings. In addition, each member of the class will be expected to write a thesis on some subject assigned to her for special study.

12. Constitutional Law of the United States. *Three hours per week. One-half course. Second semester.*

Associate Professor Kendall.

The work of this course is based on a study of related cases illustrating and interpreting the Constitution. Lectures by the instructor will give a general view of the principles of American Constitutional government. In addition, there will be classroom discussions of controverted points.

Courses 5, and 6 or 7 are prerequisite to Courses 10, 11, and 12.

XII. POLITICAL ECONOMY.

1. Industrial History of England. *Three hours per week. One-half course. First semester.*

Professor Coman.

The successive phases of industrial organization and the methods of industrial progress are traced with a view to enabling the student to discuss contemporary problems. The principal authorities are Rogers, Cunningham, Ashley, Toynbee, and others.

2. Economic Theory. *Three hours per week. One-half course. Second semester.*

Professor Coman.

This course embraces (1) an introductory review of the development of economic thought, (2) a study of the contemporary theory of industrial relations and economic laws, (3) a detailed discussion of certain contemporary problems from the American standpoint; *e. g.*, the currency, the tariff, immigration, relations between labor and capital, profit-sharing, co-operation. The principal authorities are Mill, Marshall, Walker, Sumner, Taussig, and others.

3. Statistical Study of Economic Problems. *Three hours per week. One-half course. First semester.*

Professor Coman.

The course is introduced by lectures on the principles of statistical research. Each member of the class undertakes the investigation of a particular problem, and reports the results of her inquiry to the class.

4. Historical Development of Socialism. *Three hours per week. One-half course. Second semester.*

Professor Coman.

(1) An inquiry into the origin of the movement toward social and industrial reconstruction in the theories of Rousseau and the aspirations of the French Revolution; (2) a discussion of the influence of Saint Simon and the social utopias of Cabot, Fourier, and Owell; (3) a study of scientific socialism as represented in the writings of Carl Marx and in the industrial revolutions organized by Louis Blanc and Lasalle.

XIII. HISTORY OF ART.

1. Beginnings of Christian Art: classic sources and types; Early Christian Art in Rome and Ravenna; Mediæval Art: Illuminated Manuscripts; Romanesque, Gothic, and Renaissance Architecture; Renaissance Art: Tuscan Sculptors; rise of the Florentine School of Painting; Schools of Siena, Umbria, Padua, Lombardy, and Rome. *Open to juniors and seniors. Lectures three hours per week for a year. Laboratory three hours per week for a year. Full course.*

Professor Denio.

2. Renaissance Art: School of Venice; Correggio; Schools of Bologna, Rome, and Naples; Spanish Art; German, Dutch, and Flemish Art. *Open only to those who have taken Course 1. Lectures three hours per week for a year. Laboratory three hours per week for a year. Full course.*

Professor Denio.

3. Modern Art: French Painters and Sculptors; Art in England and America. *Open to juniors and seniors. Lectures three hours per week for a year. Laboratory three hours per week for a year. Full course.*

Professor Denio.

4. Ancient Art: Egyptian Art; Chaldeo-Assyrian Art; Greek Architecture, Temple Construction; Greek Sculpture of the Archaic, Pheidian, Hellenistic, and Græco-Roman periods. *Open to juniors and seniors. Lectures three hours per week for the second semester. Laboratory three hours per week for the second semester. One-half course.*

Miss Jackson.

Instruction in this department includes lectures and oversight of laboratory work. Laboratory exercises consist in the examination and study of great art works, by the aid of reproductions used to illustrate the different subjects. The valuable Art Library and collections of prints are conveniently arranged in the History of Art rooms, and made especially accessible to the students who take this elective.

XIV. MATHEMATICS.

1. Solid Geometry (Chauvenet); Introduction to Higher Algebra; Plane and Spherical Trigonometry (Chauvenet.) *Four hours per week for a year. Full course.*

Associate Professor Burrell. Miss Pendleton.

2. Plane Analytical Geometry (C. Smith.) *Open to students who have had Course 1. Three hours per week for a year. Full course.*

Associate Professor Chandler.

3. Differential and Integral Calculus; History of Mathematics. *Open to students who have had Course 2. Three hours per week for a year. Full course.*

Professor Hayes.

4. Theory of Equations; Determinants (Burnside and Panton.) *Open to students who have had Course 3. Three hours per week. One-half course.*

Associate Professor Chandler.

5. Solid Analytical Geometry (C. Smith.) *Open to students who have had Course 4. Three hours per week. One-half course.*

Associate Professor Chandler.

6. Analytical Mechanics. *Open to students who have had Course 3. Three hours per week for a year. Full course.*

Professor Hayes.

7. Theoretical Astronomy; Determination of Orbits. *Open to students who have had Course 6. Three hours per week for a year. Full course.*
Professor Hayes.
8. Projective Geometry. *Open to seniors who have had Course 2. Three hours per week for a year. Full course.*
Associate Professor Burrell.
9. Descriptive Geometry. *Open to seniors who have had Course 1. Three hours per week. One-half course.*
Professor Hayes.
10. [Differential Equations. *Open to graduate students who have had Courses 4 and 5. Three hours per week for a year. Full course.*
Associate Professor Chandler.]
11. Modern Higher Algebra. *Open to graduate students who have had Course 4. Three hours per week. One-half course.*
Miss Pendleton.
12. Method of Least Squares; Perturbations. *Open to graduate students who have had Course 7. Three hours per week for a year. Full course.*
Professor Hayes.

Courses 8, 9, and 11 are offered for the first time in 1893-94.

XV. CHEMISTRY.

1. General Chemistry. *Open to freshmen. Four hours per week for a year. Full course.*
Miss Bragg.

This course is intended to familiarize the student with the important properties of the elements—especially the non-metallic ones—and their compounds, with their modes of preparation, and with such tests as shall lead up to the study of systematic Qualitative Analysis; also to present the laws governing chemical reactions, the meaning of chemical equations, and the more recent theories adopted in the science.

All of the more simple experiments are performed by the student herself in the laboratory.

Certificates of study in Inorganic Chemistry at Wellesley will be accepted in place of the corresponding course in the Woman's Medical College of the New York Infirmary.

2. General Chemistry. *Open to all except freshmen. Three hours per week for a year. Full course.*

This course is intended to familiarize the student with the important properties of the elements—especially the non-metallic ones—and their compounds, with their modes of preparation, and with such tests as shall lead up to the study of systematic Qualitative Analysis; also to present the laws governing chemical reactions, the meaning of chemical equations, and the more recent theories adopted in the science.

All of the more simple experiments are performed by the student herself in the laboratory.

Certificates of study in Inorganic Chemistry at Wellesley will be accepted in place of the corresponding course in the Woman's Medical College of the New York Infirmary.

3. Qualitative Analysis. First semester. Organic Chemistry. Second semester. *Open to students who have completed Course 1 or 2. Three hours per week for a year. Full course.*

Dr. Talbot.

This course supplements Courses 1 and 2 by presenting the properties and characteristic reactions of the metallic elements. Practical methods of separating and recognizing the elements present in simple mixtures are also taught, and the progress of the student is constantly tested by the examination of commonly occurring substances, the exact composition of which is unknown to the student. The second semester of this year is occupied with the elements of organic chemistry. The course is necessarily brief, and is devoted to the study of the characteristics of the most common classes of the carbon compounds, these characteristics being illustrated in the laboratory or lecture room by the behavior of some well-known representative of each class.

4. Qualitative Analysis. *Open to students who have completed Course 1 or 2. Three hours per week for a year. Full course.*

Dr. Talbot.

5. Qualitative Analysis. *Open to students who have completed Course 1 or 2 and 4. Three hours per week for a year. Full course.*

Dr. Talbot.

In this course both volumetric and gravimetric methods are used. Typical processes are first selected, after which the student is taught to estimate quantitatively as many of the common elements as the time will permit.

6. Organic Chemistry.* *Open to students who have completed Courses 1 or 2, 3 or 4, and 5. Three hours per week for a year. Full course.*

Associate Professor Roberts.

7. Theoretical Chemistry.* *Open to students who have completed Courses 1 or 2. Three hours per week for the first semester. One-half course.*

Associate Professor Roberts.

XVI. GEOLOGY AND MINERALOGY.

1. Geology. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester. One-half course.*

Professor Niles.

This course is divided into three parts. In the first part the work of streams, glaciers, volcanoes, and other agents in modifying the features of the earth is considered. This study furnishes the key for the interpretation of the records of the past. In the second part these records are found in the structure of the earth's crust, and thus the stratification, foldings, mineral veins, etc., claim the attention. The third part closes the course, with a general survey of the physical history of

* Not given in 1892-93; not to be given in 1893-94.

the earth and its past inhabitants as revealed in the rocks, and interpreted by the events of the present.

The instruction combines lectures with the use of a text-book, readings, and recitations. Specimens, maps, models, diagrams, and lantern-slides are employed for illustrations.

2. Mineralogy and Lithology. *Open to sophomores, juniors, and seniors. Three hours per week for the second semester. One-half course.*

Miss De Normandie.

The determination of minerals by chemical tests is first studied, Brush's Blow-pipe Analysis being used as a text-book. This is followed by work in descriptive Mineralogy and Lithology, in which the characteristics necessary for identification of the most common rocks and minerals are studied, and the appearance of the important rock-forming minerals under the microscope and polariscope, together with the more recent methods of studying rock sections, are briefly noticed.

PHYSICAL GEOGRAPHY.

1. An advanced course in Physical Geography, treating specially of the relations of the physical features of the earth to human life and history, is given during the first semester. It is intended as an important adjunct to the study of History, Language, and Art, as well as of Science.

XVII. PHYSICS AND PHYSICAL ASTRONOMY.

1. General Physics. *Open to sophomores. Two hours per week for a year. Two-thirds course.*

Professor Whiting, Miss Aumack.

Lectures with class exercises and problems. The lectures outline the subjects included under both Mass Physics and Aether Physics, and are amply illustrated by experiment.

2. Physical Laboratory. *Open to sophomores. One hour per week for a year. One-third course.*

Miss Aumack, Miss Maltby.

The whole time is spent in the laboratory. The experiments are mostly quantitative, and are arranged to acquaint the student with exact measuring instruments, to verify the most important laws, and to teach mathematical and graphical methods of discussing the results of observations.

Courses 1 and 2 should usually be taken together.

3. Advanced Physics. *Open to juniors. Three hours per week for a year. Full course.*

Professor Whiting.

The course is intended, by experimental work and consultation of original memoirs, to give deeper acquaintance with the methods of original investigation; also to give practice in the preparation of subjects and their presentation before others, with suitable illustration.

Work in Heat includes experiments in thermometry, calorimetry, measurements of expansions, study of radiant heat; that in Light includes photometry, photog-

raphy, measurement of indices of refraction, mapping of spectra, study of the phenomena and theory of color and polarized light, measurement of wave lengths; that in Electricity includes the study of the absolute system of electrical units, and the derived legal units theoretically and experimentally, the laws of electro-magnetic and magneto-electric induction and applications.

The course is desirable for all who wish to prepare to teach Physics.

4. **Mathematical Physics.** *Open to seniors who have taken Analytical Geometry and Calculus. Three hours per week for a year. Full course.*

Miss Maltby.

5. **Sound and the Theory of Music.** *Open to students in the School of Music. Ten lectures.*

Miss Aumack.

6. **Meteorology.** *Open to juniors. Three hours per week for one semester. One-half course.*

Professor Whiting.

Some of the subjects treated are the atmosphere, its constituents, weight, pressure, dynamic heating and cooling; temperature, distribution of solar radiations; motions of the atmosphere; moisture in the air; climatology; instruments; inductive studies of weather records; weather prediction.

Under the direction of the department of Physics, the daily observation of the local phenomena of the weather is taken and reported. The instruments used are the standard Signal Service thermometers in a shelter, a rain gauge, a self-registering barograph of Richard Frères, and a self-registering thermometer, anemometer, and anemoscope of Draper.

7. **Physical Astronomy.** *Open to juniors. Three hours per week for one semester. One-half course.*

Professor Whiting.

The lectures are accompanied by frequent observations of the heavens with a four and one-half inch telescope. Spectroscopic astronomy is illustrated by laboratory work with the sun spectrum and the spark spectrum, sufficient to show some of the methods of the new astronomy.

A knowledge of mathematics at least through plane trigonometry is necessary for all the foregoing courses.

XVIII. BOTANY.

1. **General Morphology and Principles of Classification.** Exercises in elementary Vegetable Physiology; An herbarium of fifty species is required. *Open to all undergraduates. Three hours per week for a year. Full course.*

Professor Hallowell, Miss Cooley, Miss Gilchrist.

2. **Cryptogamic Botany.** Study of types of all the more important groups of flowerless plants, preceded by a brief course in elementary Vegetable Histology. *Open to students who have taken Course 1. Three hours per week for a year. Full course.*

Associate Professor Cummings.

3. Systematic Botany (advanced work) and Economic Botany. Systematic Botany: special study of the more difficult orders of flowering plants, with mosses and ferns; determination of dried specimens; report upon the flora of some assigned locality. An herbarium of fifty species is required. First semester. Economic Botany: investigation of the useful products of plants. Second semester. *Open to students who have taken Course 1. Three hours per week for a year. Full course.*

Professor Hollowell, and Associate Professor Cummings.

4. Medical Botany. Microscopical examination of the typical and important roots, rhizomes, stems, leaves, barks, and fruits of the Pharmacopolia. *Open to students who have taken Courses 1 and 2. Three hours per week for a year. Full course.*

Miss Cooley.

This course is intended to give familiarity with the botanical characters of the more common medicinal plants, thus aiding in the identification of the crude drugs derived from them, and in the detection of adulterations. The active principles of such drugs, and peculiar modes of action, are also investigated.

5. Vegetable Histology and Physiology. Cell structure and the study of tissues; practical experiments and original investigations; Microscopy. *Open to students who have taken Courses 1 and 2. Three hours per week for a year. Full course.*

Professor Hollowell.

A knowledge of the elements of Physics and Chemistry is very desirable for this course.

6. Embryology and other special topics. *Open to students who have taken Courses 1, 2, and 5. Three hours per week for a year. Full course.*

Professor Hollowell.

This course is to be pursued with a view to original research and a thorough acquaintance with the literature of the subject.

7. Advanced Cryptogamic Botany. Systematic study of any chosen group or groups of Cryptogams. *Open to students who have taken Courses 1 and 2. Three times per week for a year. Full course.*

Associate Professor Cummings.

Candidates for Courses 6 and 7 should have a good reading knowledge of French and German.

The instruction in all courses of the Botanical Department is given through practical work in the laboratory, accompanied by explanatory lectures. Three appointments per week, one hour and a half each.

Students sketch all the objects studied. Free instruction in drawing and water-color painting is given to those wishing it.

Instructors and students meet statedly for the discussion of recent discoveries in Botanical science.

XIX. ZOÖLOGY AND PHYSIOLOGY.

1. General Biology. *Open to freshmen. Four class-room exercises, each followed by a laboratory appointment for the year. Full course.*

Professor Willcox.

Out-of-door observation of the most striking phenomena of animal and vegetable life, accompanied by explanatory lectures; careful anatomical and biological study of a single animal.

This course is intended to train students in habits of observation and in methods of work, and to lay a broad foundation for later study in either botany or zoölogy. Offered for the first time in 1893.

2. General Zoölogy. *Open to sophomores, juniors, and seniors. Three class-room exercises, each followed by a laboratory appointment for a year. Full course.*

Professor Willcox.

Comparative study of all the great groups of animals beginning with unicellular organisms and concluding with mammals. Also a brief study of the embryology of the chick.

This course is intended to give familiarity with the outlines of animal structure, and to present the morphological argument for evolution.

3. Anatomy of the Cat. *Open to students who have taken Course 2. Three hours per week for one semester. One-half course.*

This course is intended to train students in careful dissection. It is especially fitted for those who intend to study medicine. Constant reference will be made to human anatomy, and a considerable lightening of the ordinary course in that subject in a medical school can be effected by taking this work. Students must be able to work independently, as a small amount only of supervision will be provided.

4. Embryology of the Chick. *Open to students who have taken Course 2. Three hours per week for one semester. One-half course.*

This course follows closely the lines of Foster and Balfour's "Elements of Embryology." Instruction is given in the methods of preparing and mounting embryos, making serial sections, and so forth. Students must be able to work independently, as a small amount only of supervision will be provided.

5. Systematic Zoölogy. *Open to students who have taken Course 2. Three hours per week for a year. Full course.*

Mr. Morse.

Classification of animals; study of habits; readings in natural history; excursions to neighboring museums. Offered for the first time in 1893.

6. Philosophical Zoölogy. *Open, under the advice of the Professor, to students who have taken Course 2. Three hours per week for the year; independent laboratory work. Full course.*

Professor Willcox.

Study of structure, habits, and distribution of insects as illustrative of biological laws. Readings and discussions of Darwin, Spencer, Wallace, and Weisman, and kindred authors. One small piece of original work is assigned to each student.

7. *Pedagogics of Zoölogy. Open to students who have taken two courses in zoölogy. Three hours per week for one semester. One-half course.*

Professor Willcox.

Discussion of various methods of teaching zoölogy. Practice in working up and presenting lectures on given topics. Training in the use of reference books and original authorities. Students must be able to work independently, as a small amount only of supervision will be provided. Offered for the first time in 1893.

8. *Elementary Physiology and Hygiene. Required of sophomores. Two hours per week, also two hours per week of laboratory demonstration, for one semester.*

Miss Woodman.

Lectures and laboratory demonstrations covering those points in anatomy and physiology which are of most practical value as a basis for hygiene. Offered for the first time in 1893.

9. *General Physiology. Open to juniors and seniors. Three hours per week, also three laboratory appointments per week, for a year. Full course.*

Miss Woodman.

Lectures; readings in standard authors, Foster, Landois and Stirling, Martin, Quain, Yeo, etc. Dissection of a typical mammal. Gross anatomy, histology, physiology, and hygiene of each system; experiments in physiological chemistry.

Apparatus needed by students in this Department.—Microscopes, reagents, etc., are provided by the College. A limited number of sets of dissecting instruments are owned by the College, and may be rented for a small fee.

MARINE BIOLOGICAL LABORATORY.

The College has become a contributor to the support of the Marine Biological Laboratory at Wood's Holl. This Laboratory, which is open during the summer, provides facilities for the study especially of marine animal and vegetable life, affording opportunities both to investigators and to those who need either instruction or direction. The College has the right to select annually one, two, or three students who shall be entitled to all the advantages of the Laboratory without expense for tuition.

XX. DOMESTIC SCIENCE.

The course consists of lectures and practical work. The lectures treat of the house, and its foundations, and surroundings from a sanitary as well as architectural standpoint; the mechanical apparatus of the house, heating, lighting, ventilation, drainage, including methods of testing their efficiency; furnishing and general care of a house, including what might be called applied physiology, chemistry of food and nutrition, and the

chemistry of cleaning; food and clothing of a family; relation of domestic service to the general question of labor, with a discussion of present conditions and proposed reforms.

The practical work includes visits of inspection, accompanied by the instructor, to houses in process of construction, of good and bad types, both old and new; visits to homes where the housekeeper has put in practice some or all of the theories of modern sanitary and economic living; conferences with successful and progressive housekeepers; practical work in the laboratory. A knowledge of chemistry and physics is essential.

XXI. ELOCUTION.

1. Training of the Body and Voice. *Required of sophomores. Two hours per week for a year. Full course.*

Professor Currier and Miss Everett.

Body: poise and bearing; harmonic gymnastics for freedom and grace; breathing and other exercises for health and strength. Voice: correct method of breathing; freedom in emission; management of voice in reading and conversation; work for ease, purity, resonance, power; articulation; reading for simple, spontaneous expression of thought and feeling. Three selections required from each student. Outlines of exercises covering the successive steps in training furnished to each student. One period of practice required each week.

2. Physical and Vocal Training (continuation of Course 1). Reading of one of Shakespeare's Plays during second semester. Selections. *Open to juniors and seniors. One hour per week for a year.*

Miss Everett.

Practice will be required throughout this course. Course 1 must precede Course 2.

3. Training and Expression. Co-operation of the agents of expression; voice culture; pantomimic training; readings; recitations and orations from the best authors. One play from Shakespeare. *Open to juniors and seniors. Three hours per week for a year.*

Professor Currier.

An equivalent to Course 1, as found in Calendar for 1891-92, must precede Course 2.

4. Expression and Literature. The study of vocal and pantomimic expression as a means of interpretation of the subtleties of thought and feeling as presented in literature. Study of special authors by reading and recitation. *Open to juniors and seniors. Three hours per week for a year.*

Professor Currier.

Course 3 must precede Course 4.

5. Voice Training for practical use in conversation and public speaking. Voice exercises; reading; recitations; oratorical work. Two special selections each semester. *Open to juniors and seniors. One hour per week for a year.*

An equivalent to Course 1, as found in the Calendar for 1891-92, must precede Course 5. Practice required. This course may be taken for either semester alone, but before entering the second semester the student must give evidence of having mastered the fundamental steps in voice training. This course does not count toward a degree.

6. Physical Training. Harmonic gymnastics; exercises for health and strength. *Open to juniors and seniors. One hour per week for a year.*

Practice required. May be taken for one or two semesters. This course does not count toward a degree.

Special arrangements may be made for private instruction.

XXII. PEDAGOGICS AND DIDACTICS.

GENERAL.

A. The History of Educational Theories.

Lectures on education in Greece in mediæval and modern times, will be given to familiarize the student with the great educational reformers. The chief educational works of Bacon, Montaigne, Comenius, Locke, Rousseau, Pestalozzi, Herbart, Froebel, and Spencer, will be read by the student, and past and present theories of education compared in a series of papers.

B. The Science and Art of Education.

Lectures on the philosophy of education. Study of child nature, and the laws of its development. Discussion of principles underlying the science and art of education, and of current educational problems.

C. The Art of Teaching and Government.

Lectures on the theory and practice of teaching. Methods of teaching the rudiments. Special attention given to the kindergarten system. Methods of government, and instruction in primary, intermediate, and higher school grades. Discussions on the practical exemplification of principles. "Development Lessons" given by members of the class and criticised by instructor and students.

The library contains the chief German and English works on the science and art of education, a small collection of text-books, and the most important periodicals.

Open to seniors. Three hours per week for a year. Full course.

Professor Wenckebach.

SPECIAL.

Special instruction in methods of teaching Sciences, Languages, Philosophy, and History will be offered in various departments.

XXIII. BIBLIOGRAPHY.

An elective course in the study of Bibliography is given once a week throughout the year. It is pursued in connection with other college studies, and is practical in its nature. It aims,—

1. To familiarize the student with the best bibliographical works, and with library methods and catalogues.
2. To teach the best method of reaching the literature of a special subject.
3. To furnish important bibliographical lists likely to prove valuable in future study.

The course is open to all students in the following departments :—

Course 1, in the History of Art.

Courses 2, 3, 4, 6, 7, 9, and 11 in English Literature.

Courses 2, 5, 7, 8, and 9, in Philosophy.

All courses in History and Economics.

BIBLE STUDY.

I. OLD TESTAMENT.

1. Outline studies in Jewish History from the migration of Abraham to the accession of David. *Required of freshmen. One hour per week for a year. One-third course.*

Associate Professor Emerson. Miss Bigelow. Miss Everett.

2. Historical studies, continued; from the accession of David to the time of Nehemiah. *Required of sophomores. Two hours per week for a year.* One-third course.*

Associate Professor Emerson. Miss Clarke.

Both these courses are conducted by means of lectures and recitations. The Old Testament is the text-book used, with geographical study and constant reference to the results of the latest research in Old Testament land.

II. NEW TESTAMENT.

1. The Christian Church of the first century. A study of the development of the Church as it is portrayed in the Acts and Epistles in its relation to the history of the times; introduction to the books of the New Testament in chronological order, with topical studies on connected subjects. *Open to seniors. Two hours per week for one year.*

Professor Whiting.

2. Teachings of the Apostolic Church. Preliminary study: (a) Prominent phases of religious thought prevailing before the coming of Christ; (b) Summary of the teachings of Christ. Study of the development of Christ's teachings in the Apostolic age. Con-

* After 1892-93, one hour per week

sideration of the essential additions to the religious truth possessed by man, made by the coming of Christ. *Open to seniors. Two hours per week for a year.*

Associate Professor Knox.

3. The Bible presentation of the redemption of man in the life of Jesus Christ. Christian evidences; the basis of faith in the Christian religion compared with the basis in other religions. *Open to juniors and seniors. Two hours per week for a year.*

Professor Morgan.

4. Christ in his relation to the law. The life of Christ; the gospel as the law of liberty; Christ the end of the law. *Open to juniors and seniors. Two hours per week for a year.*

Associate Professor Case.

5. Greek Testament. Life of Christ; text study of the Gospels; special study of the Gospel of St. John; lectures. An elective in Bible study for juniors. *Open to students who have completed Course 1 of classical Greek. Two hours per week for a year.*

Professor Chapin.

6. Greek Testament. Life and writings of St. Paul; text study of the Acts and Epistles; lectures. An elective in Bible study for seniors. *Open to students who have completed Course 1 of classical Greek. Two hours per week for a year.*

Professor Chapin.

PHYSICAL TRAINING.

The Physicians with the Director of the Gymnasium, the Physical Examiner, and the Professor of Elocution, constitute a Board of Health, to which reference is made in those cases where special examination is deemed necessary.

Students who are admitted to the Gymnasium receive a more detailed examination, which includes the measurements and strength tests adopted by the "Association for the advancement of Physical Education."

The Gymnasium is equipped with apparatus for Swedish Educational Gymnastics, and Dr. Sargent's appliances for individual development.

Three hours per week of Physical Training are required in the freshman year. A limited number of upper-class students are permitted to elect work in the Gymnasium.

Each member of the Gymnasium is given an Anthropometrical Table, compiled from the measurements of fifteen hundred Wellesley students, upon which her individual condition is plotted. Special attention is paid to Anthropometry, and the collection of vital statistics.

Arrangements are made for any of the boat crews which desire to receive systematic instruction; they will be trained in the Gymnasium in the winter and on the lake in the spring and fall, and will be subject to frequent physical examination.

PUBLIC LECTURES AND CONCERTS.

Besides occasional addresses which, though of especial interest to members of some one department, are open to the college at large, one lecture on a Shakespearean subject is provided annually by the income of the Kate Howard Furness Fund, two readings and lectures on elocution by the Monroe Fund, and about sixteen concerts by the Concert Fund (see p. 62).

Lectures and papers are also given on philanthropic and benevolent work.



Music Hall.

Wellesley School of Music.

THE School of Music is located in Music Hall, which contains thirty-eight music rooms, and a hall for lectures and choral singing. Forty-three pianos and two large organs are furnished for the use of students. The organ, presented by Mr. W. O. Grover, has three manuals, each of sixty-one notes, a pedal of thirty notes, and twenty-six speaking registers. It contains 1,584 pipes.

REQUIREMENTS FOR ADMISSION.

Regular course: Candidates must meet requirements 1, 2, 3, 4, pp. 15 and 16, and must also present the full preparation (see pp. 16-18) in either Latin, French, or German.

Special students: Special students for any musical study will be received, but in all cases the above requirements must be met, unless exceptional advancement in music can be urged as an equivalent for one required subject.

Special arrangements may be made for those not connected with the College, who may desire to pursue a Musical Course exclusively.

DEGREE OR DIPLOMA.

Students who complete either of the following courses will receive the diploma of the School of Music.

The degree of Mus.B. will be given on completion of a course laid out for that degree.

Students intending to graduate in the musical courses must give at least a year's notice.

THE MUSICAL COURSE.

1. Piano: two lessons a week for five years, with four periods of practice daily for five days each week.

Harmony: two lessons a week for two years.

Musical History.

College Courses: one of which shall be a modern language, three hours a week for three years.

Bible Study: throughout the course.

2. Organ: two lessons a week, with daily practice as in piano study, for five years.

The remainder of the course is the same as Course 1, omitting piano.

3. Voice: two lessons a week, with daily practice as in piano study, for five years. In other respects this course is like Course 1, omitting the piano, except that one year of Italian must be substituted for one year of French or German. It is desirable to take the Italian as early as possible, that the benefit of the study may be had throughout the course.

Violin, Viola, Violoncello, Harp, or any orchestral instrument may be made a specialty instead of the above-mentioned principal studies.

A college degree is not obtainable in this course, but the diploma of the School of Music is given to those who fulfill all the requirements.

THE FIVE YEARS' CLASSICAL OR SCIENTIFIC AND MUSICAL COURSE.

Students entering the Classical or Scientific Course, may combine the regular study of music with the work required for a degree, the collegiate studies extending through five years instead of four.

Any one of the three courses of instruction may be selected—the Pianoforte, the Organ, or the Voice. Lessons on the Harp, Violin, Viola, and Violoncello are subject to special arrangements.

COURSE OF STUDY FOR THE PIANOFORTE.

Selections, equal to about one half the entire amount, from the following works, or their equivalents:—

FIRST YEAR.

ETUDES.

Plaidy's Technical Studies; Emery's "Head and Hands"; Czerny, Op. 849; Köhler's Primary Studies, Op. 50; Duvernoy's Etudes de Mécanisme; Köhler, Op. 60; Heller, Préludes, Op. 119; Bertini, Op. 100; Heller, Op. 47; Krause, Op. 4; Emery's Studies in Presto Scales; Loeschhorn, Op. 66; Easy Studies by Eschmann and Oscar Weil; eighteen little preludes by Bach.

PIECES.

Sonatinas and other simple works by Krause, Reinecke, Merkel, and Gurlitt; Clementi, Op. 36; easier sonatas of Haydn and Mozart; Beethoven, sonatinas, Op. 49, Nos. I. and II., Op. 79; short pieces by Hummel, Dussek, Schubert, Schumann, Gade, and other classical writers; easy selections from the best modern composers; Mendelssohn's Op. 72, and Songs without Words; practice in four-hand playing.

SECOND YEAR.

ETUDES.

Bertini, Ops. 29 and 32; Czerny, Op. 299, Velocity studies, three books; Krause, Op. 2, trill studies; Op. 5, two books; Op. 9, studies in broken chords; Moscheles' preludes; Clementi's preludes and exercises; Heller, Ops. 46 and 45; Bach's Two-part Inventions; Continuation of Emery and Plaidy; Mason's Accent Exercises.

PIECES.

Sonatas of Haydn, Clementi, and Mozart; Beethoven, Op. 2, No. I.; Op. 10, Nos. I. and II.; Op. 14, Nos. I. and II.; Rondos, Op. 51, Nos. I. and II.; easy variations; Mendelssohn's Songs without Words; Caprices, Op. 16, and other short pieces; selections of moderate difficulty from Hummel, Dussek, Schubert, Krause, Kiel, Bargiel, Jadassohn, Reinecke, Nicodé, and other modern composers; four-hand playing.

THIRD YEAR.

ETUDES.

Czerny, Op. 740, three books; Cramer (Bulow edition), first half; Clementi's *Gradus ad Parnassum* (Tausig edition), first half; Carl Mayer, Op. 305; Krause, Op. 15, studies for the left hand; Eschmann, Op. 16; Heller, Art of Phrasing, Op. 16; Technics, by Plaidy, Emery, and Tausig.

PIECES.

The more difficult Sonatas of Haydn, Mozart, Clementi, and Dussek; Beethoven, Op. 2, Nos. II. and III.; Op. 7; Op. 10, No. III.; Op. 13; Op. 26; lesser works of the Bachs, Scarlatti, and other ancient writers; moderately difficult selections from Mendelssohn, Chopin, Schumann, and writers of the romantic school; Bach's Preludes and Fugues; French Suites.

FOURTH YEAR.

ETUDES.

Czerny, Op. 740, continued; Cramer (Bülow), continued; Clementi (Tausig), continued; Moscheles, Op. 70, two books; Kullak's Octave School; Chopin, Op. 25; Bennett, Op. 11; Mayer, Op. 119; Grund, Op. 21; Bach's Preludes and Fugues.

PIECES.

The difficult Sonatas of Hummel and Dussek; Suites and other pieces of Händel; English Suites of Bach; Beethoven, Sonatas, Op. 22; Op. 27, Nos. I., and II.; Op. 28 and Op. 31, Nos. I., II., and III.; Concertos, by Dussek, Hummel, and Mozart; Preludes and Fugues, Rondos and Caprices, of Mendelssohn; Impromptus of Schubert; Preludes, Impromptus, and shorter pieces of Chopin; Noveletten and Fantasiestücke of Schumann; Selections from the best recent composers; Ensemble playing.

FIFTH YEAR.

ETUDES.

Henselt, Op. 2 and Op. 5; Toccata, Op. 25; Baermann, Op. 4; Chopin, Op. 10; Hans Seeling, Op. 10, two books; Toccatas, by Czerny, Schumann, Rheinberger, and others; Bach's Preludes and Fugues; Schumann's Etudes Symphoniques.

PIECES.

Schubert's Sonatas; Beethoven, Op. 53, Op. 57, and Op. 81; the more difficult Variations; Concertos, Nos. III. and IV.; Mendelssohn's Concertos and other concerted works; Variations; Chopin's Variations, Rondos, Ballades, and Scherzi; also the difficult Polonaises and Fantasies; Concert pieces of Rheinberger, Liszt, Saint-Saëns, Raff, Scharwenka, Nicodé, Pabst, Moszkowski, and others.

COURSE OF STUDY FOR THE ORGAN.

FIRST YEAR.

Manual playing in two, three, and four parts (without pedals), for perfection of touch and execution, as exemplified in the works of Rink, André, Hesse, and Lemmens.

Rink's Organ School, Books I., II., and III.; Studies in Registration; Offertories by Wély and Batiste; Easy Choral Preludes of Bach, Richter, Merkel, Papperitz, and others; Short Fugues of Bach.

SECOND YEAR.

Rink's Organ School, continued; Buck's Studies in Pedal Phrasing; Arrangements from the Sonatas and Symphonies of Haydn, Mozart, and Beethoven; Choruses arranged from Händel's Oratorios; Selections from Bach's Organ Fugues; Mendelssohn's Sonatas; Preludes, Fantasies, and other pieces from Wély, Guilmant, Merkel, Batiste, and Hesse; Best's Arrangements.

THIRD YEAR.

Händel's Concertos; Mendelssohn's Sonatas; Ritter's Sonatas; Merkel's Sonatas; Toccatas, Preludes, and Fugues of Bach; Concert Pieces by the best English, French, and German masters; Best's Arrangements, continued.

FOURTH YEAR.

The more difficult works of Bach, Händel, Ritter, Guilman, Widor, and Saint-Saëns; Best's Arrangements, continued.

FIFTH YEAR.

Bach's Trio Sonatas, Fugues, and Passacaglia; Rheinberger's Sonatas; Thiele's Concert Pieces; Best's Arrangements; Concert Pieces of the best masters, ancient and modern.

COURSE OF STUDY IN SOLO SINGING.

FIRST YEAR.

The Voice as an instrument; Formation of Tone; Study of the Scales, major, minor, and chromatic; Slow trills and simple musical figures, with the vowels *a*, *i*, and *o* pure and modified; Rules for breathing, and their practical application; Concone's Studies; Exercises *Elémentaires Gradués*, by Mme. Marchesi; Vocalises by Vaccai, Sieber, and Marchesi; Exercises for the flexibility of the vocal chords; Selected songs in English, French, German, and Italian.

SECOND YEAR.

Continuation of the above: Lamperti's Bravura Studies, Books I. and II.; Advanced studies for agility; Songs by the best American and European composers; Simple Scenas and Arias from the Italian, French, and German Operas; Airs from the Oratorios.

THIRD YEAR.

Lamperti's Bravura Studies, Books I., II., and III.; Etudes by Bordogni; Vocalises by Panofka, Marchesi, and Rossini; Songs of Schumann, Franz, Mendelssohn, Rubinstein, and best English and French writers; Oratorio: Scenas and Arias from standard Operas; Operatic Arias by Händel, arranged by Robert Franz.

FOURTH YEAR.

Résumé of previous work; Study of music by the old German, Italian, and English masters; Selections from the more difficult cavatinas and concerted pieces from the operas; Oratorio singing continued.

FIFTH YEAR.

Bravura singing as exemplified in the best works of present and past composers; The great Arias and concerted pieces from the Classic Operas and Oratorios; Selected Songs.

Elocution is studied during each year of the Course in Solo Singing.

HARMONY AND MUSICAL THEORY.

A thorough knowledge of the principles and practice of this branch of Musical Science is a prime necessity to every musical student. Without it no one can obtain clear and comprehensive views of the formation and character of musical composition. While it is not, as yet, a requisite for entrance to the School of Music, the Director urgently recommends that every member will at some period in her course include Harmony with her other musical work. It is better that this should be continued for two years.

Students in the regular four years courses, as well as in the five years Classical or Scientific and Musical Courses, are entitled to elect Harmony after the Freshman year, while all others may pursue that study at any time in connection with other branches.

TEXT-BOOKS USED IN HARMONY.

Emery's Elements of Harmony.
 Richter's Manual (translated by J. C. D. Parker).
 Richter's Counterpoint (translated by Franklin Taylor).
 Richter's Fugue (translated by Arthur Foote).
 Wohlfahrt's Guide to Musical Composition.

ENSEMBLE PLAYING.

Facilities are offered for the study and practice of chamber music—the Fantasies, Romances, Sonatas, and Trios of the Great Masters, for the Piano and Violin, with addition of Violoncello, and occasionally other instruments.

ANALYSIS AND INTERPRETATION.

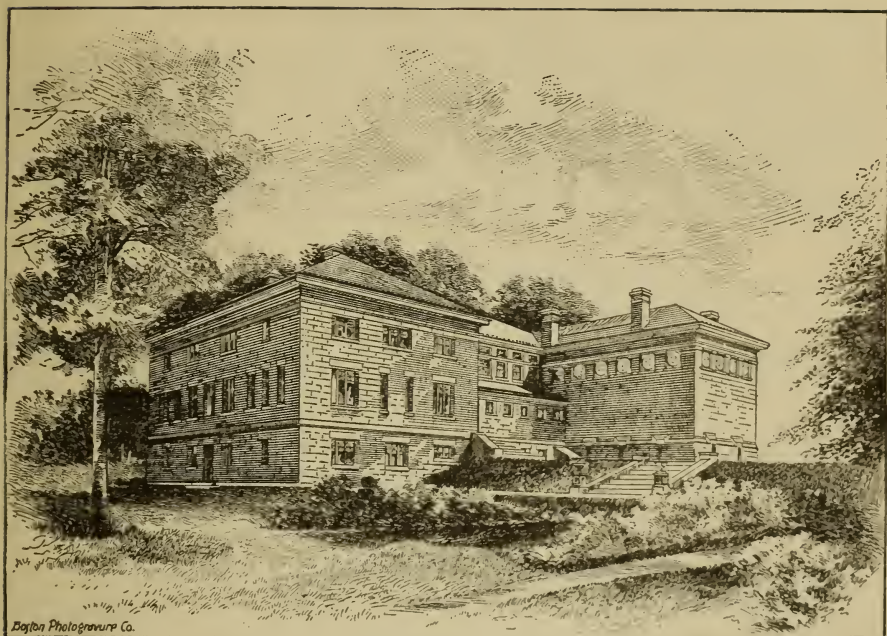
Classes in analysis and interpretation of classical works will be formed by the Director if desired by at least six pupils.

CONCERTS AND LECTURES.

At frequent intervals, recitals and concerts are given by the advanced students in the several departments, by members of the Faculty of the School of Music, and by distinguished musicians from Boston and elsewhere.

All concerts and lectures are free, but it is expected that all who are able will contribute to the "Concert Fund."

Lectures on Theory and Æsthetics, and on the History of Music and Musicians, are given throughout all the courses by the Director and non-resident lecturers.



The Farnsworth School of Art.

School of Art.

THE purpose of the School of Art is twofold : while providing technical instruction in Drawing and Painting, it aims to supply such acquaintance with these arts in their history, philosophy, and criticism as may profitably supplement the work in other departments of study.

As a professional School of Art, it aims to furnish a thorough course of study in the practice of the studios. The plan of the school is such that there is the greatest freedom in adapting the instruction to the varying needs of students. The development of individual talent and taste is sought, and the special purpose of each student is aided.

The requirements for admission are the same as in the School of Music (see p. 58). In exceptional cases, unusual ability or advancement in art may be recognized by the Director of the School of Art and the College Board of Advisers as a suitable equivalent for some part of the required preparatory work. Students may enter an advanced class at any time by presenting satisfactory specimens of the work required in the previous course.

The studies in the history and theory of art are counted among the regular college electives (see p. 44). Lectures upon these subjects are open without fee to all members of the College.

Diplomas are awarded to students who have completed the required course of study. Every pupil who receives a diploma is expected to leave a satisfactory drawing in the school.

An exhibition of the students' work will be held at the end of each college year.

COURSES OF TECHNICAL STUDY.

FIRST COURSE.

Drawing from objects and casts; Design; Geometrical and Perspective Drawing.

SECOND COURSE.

Drawing from casts and life. Study of Anatomy.

Illustrated lectures on the History of Egyptian and Greek Art.

THIRD COURSE.

Drawing from life. Model painting from still-life.

Illustrated lectures on the History of Italian Art.

FOURTH COURSE.

Painting from life.

Illustrated lectures on the History and Characteristics of Art in Germany, France, and England.

FIFTH COURSE.

Painting from life.

Composition.

Lectures and Criticism.

THE FIVE YEARS' CLASSICAL OR SCIENTIFIC AND ART COURSE.

A regular course of five years' instruction in Art is given upon the same plan followed in the study of Music.

Students who enter either one of the regular college courses may combine it with the Course in Art, their collegiate studies being distributed through five years instead of four.

Free instruction in Freehand, Mathematical, and Perspective Drawing is given to the students in the Classical and Scientific Courses for one year, two hours per week.

Private lessons in the various branches of Art will be given to those who desire them. For terms, see p. 69.

Art Building.

THE Farnsworth Art Building, the gift of the late Isaac D. Farnsworth, was opened for work in September, 1889. Besides a lecture room, galleries for collections, and studios for those engaged in drawing and painting, a special feature in the plan of the building is the arrangement of laboratories and libraries, so that the books and art material relating to particular subjects and periods can be made immediately available to general students.

The Art Collection now numbers over three thousand photographs, engravings, etchings, and drawings; a series of stereoscopic views illustrating the history and art of different nations and periods; a collection of paintings in oil and water colors; copies of ancient armor; a ceramic collection; coins, and pieces in bronze and iron; one hundred statues and busts; a large collection of casts from the antique; thirty-six pieces of pottery from an ancient cemetery on the Isthmus of Panama, the gift of Mrs. J. S. Lamson; the Jarvais collection of laces and embroideries; and the Stetson collection of sixty-five paintings in oil.

A descriptive catalogue of the works of art has been prepared by Prof. Elizabeth H. Denio for the use of the students.

The Libraries and Reading Room.

THE Libraries of the College, munificently endowed by Eben Norton Horsford, now number 42,348 carefully selected volumes, not including pamphlets, and are open for the use of the students during the day and evening. Besides the General, there are the following Special Libraries:—

THE SCIENTIFIC LIBRARY numbers about 6,823 volumes, and is divided into

Mathematical Library, 808 volumes.

Botanical Library, 1,460 volumes.

Library of Physics, Physical Astronomy, Microscopy, and Physical Geography, 2,050 volumes.

Library of Zoölogy and Physiology, 1,444 volumes.

Library of Chemistry, Mineralogy, and Geology, 1,061 volumes.

Most of the books in these libraries are placed, for convenience, in the laboratories of the departments to which they belong.

THE GERTRUDE LIBRARY, established by Mr. A. A. Sweet, with the MISSIONARY LIBRARY, and other collections in the General Library, furnish 3,747 volumes for Biblical study and religious reading.

Professor Horsford's special gift of 400 volumes for the study of comparative philology with special reference to North American lan-

guages, has been increased by the addition of the library (1,020 volumes and pamphlets) collected by Major J. W. Powell, Director of the Bureau of Ethnology.

THE ART LIBRARY numbers about 1,306 valuable books, many of them rare collections illustrating the finest works of the old masters.

THE MUSICAL LIBRARY contains the biographies of the great artists and composers, histories of music, books of essay and criticism, the great oratorios and operas, and an increasing collection of vocal and instrumental music by the best composers.

THE STONE HALL LIBRARY, of valuable literary, historical, and religious works, is being accumulated through private generosity.

THE LOAN LIBRARY furnishes at slight cost the more important text and reference books to students of limited means.

One hundred and seventy-three American, English, French, and German periodicals are taken for the General Library. The list includes the most important representatives of all the branches of knowledge covered by the college curriculum. About thirty-seven daily, weekly, and monthly journals are taken for the reading room.

Besides the regular book and card catalogues as used in the best libraries, there is a complete and minute classification on the shelves, by subjects. With this has been made a complete subject catalogue in a separate book for each main class, and an exhaustive catalogue and analysis on cards. To all books, catalogues, and indexes, students have unrestricted access, day and evening; and it is purposed to make the training in the best methods of reading and consulting libraries an important factor in the College Course. Besides the personal efforts of Librarian and Faculty to this end, readers' manuals, guides, and the other aids which the recent study of leading librarians has proved most valuable, will be provided.

In addition, library talks and personal instruction are given each year on the following subjects: How to use the Library; The Classification; The best Reference Works.

Laboratories and Scientific Collections.

I. CHEMICAL AND MINERALOGICAL LABORATORIES.

THERE are three laboratories for work in General Chemistry,—one for Qualitative, one for Quantitative Analysis, and one for Mineralogy. Both are fully supplied with apparatus and chemicals. In the mineralogical laboratory, each place is furnished with a set of blowpipe tools and all the apparatus and reagents necessary for the determination of minerals by chemical tests.

The Mineralogical Cabinet comprises between five and six thousand minerals, among which are a number of natural crystals, for the study of Crystallography.

In the Lithological collection the principal varieties of rock are well represented by hand specimens and by microscopical sections.

The Geological collection embraces specimens of fossils, rocks, and rock structures.

II. PHYSICAL LABORATORIES.

The department of Physics occupies a convenient lecture room, provided with arrangements for sunlight and lantern projection, and adequate apparatus for illustrative experiments.

Laboratories for students are equipped with instruments adapted to a wide range of work. Rooms are especially fitted for photometry, photography, spectroscopic work, and electrical measurements. A workshop is provided with lathe and tools. A steam engine and two dynamos are connected with the laboratories.

III. BOTANICAL LABORATORIES.

There is a large laboratory for the study of Morphology, and smaller ones for Histological and Physiological work, as well as one for pressing and preparation of plants. All are furnished with microscopes and microscopic accessories; those for advanced work have also the necessary physical and chemical apparatus and such other appliances as are requisite to enable students to carry on independent research.

The collection illustrative of Botany includes: the herbarium, containing upward of five thousand phanerogams and about three thousand cryptogams; a generic collection mounted under glass; a collection of woods, fruits, and economic vegetable products and a set of drugs fully illustrating the pharmacopœia; two hundred charts by Henslow, Kny, Dodel-Port, and others; a collection of Auzoux's botanical models, illustrating the structure of both flowering and flowerless plants.

In addition to the working collections, a permanent Museum is being arranged.

IV. ZOÖLOGICAL LABORATORIES.

There are three laboratories for the study of Zoölogy and Animal Physiology. Every student is provided with a dissecting and a compound microscope. For special demonstration, lenses of exceedingly high power are available.

Accessories which aid in the pursuit of the subject are: the museum, a typical collection of both vertebrates and invertebrates; a considerable and increasing number of charts; a collection of models in wax, glass, or

papier-maché, including a manikin, and models of separate organs and mechanisms.

V. PSYCHOLOGICAL LABORATORY.

Students in Physiological Psychology have the use of models and plates of the brain, lambs' brains, dissecting instruments, a pressure balance, a color wheel, a perimeter, a Wheatstone stereoscope, apparatus for experiments in simultaneous contrast, reaction-times apparatus, a pressure-balance, a stop watch, and other simple appliances.

Required experiments are chiefly in sensation, space perception, and reaction times, attention, association and memory.

VI. MATHEMATICAL MODELS.

The collection of Mathematical Models consists of a set of models of simple solids, surfaces of the second and higher orders, and circular sections of surfaces of the second order. They are executed in wood, thread, card, and plaster.

Societies.

THE SHAKESPEARE SOCIETY was formed in 1876, and is a branch of the London Shakespeare Society, whose publications it regularly receives. Its sessions are held once in four weeks.

THE BEETHOVEN SOCIETY is the principal college organization for the study and practice of part songs and choruses. It is open to all members of the College, whether belonging to the School of Music or not, the only requirements being a good voice and ability to sing ordinary music at sight. The instruction is free, but the weekly rehearsals are to be attended as faithfully as any other College appointment. The Society is expected to give at least two concerts annually, besides singing at Commencement, and on other festival occasions. The Professor of Music has the direction of the rehearsals and concerts.

THE PHI SIGMA and ZETA ALPHA SOCIETIES afford additional opportunity for literary training.

THE ART SOCIETY has for its aim the cultivation of those habits of observation and study which lead to an appreciation of the ideals of art.

THE AGORA. The object of this society is to promote an intelligent interest in the political questions of the day.

THE WELLESLEY COLLEGE CHRISTIAN ASSOCIATION is organized to promote the religious life of the College, to arouse an intelligent interest in social reforms, and to increase the interest in home and foreign missions.

THE CLASSICAL SOCIETY has for its object the advancement of the interests of classical study in the College.

Domestic Work.

ALL students in the College buildings aid in the lighter domestic work, or in the clerical labor of the offices, libraries, and departments of instruction. Much valuable information and discipline are thus secured to the student, though the time occupied is never more than forty-five minutes daily.

The influence of this service, rendered heartily, is invaluable in producing during the years of mental training habits of accuracy, self-reliance, unselfishness, and genuine sympathy with all workers.

Expenses.

PAYMENTS due at the opening of the College in September, and at the beginning of the second semester, must be made before the student takes her place in the class room.

STUDENTS RESIDING IN COLLEGE BUILDINGS.

The charges to students residing in college buildings are as follows :—

Board (including heat and lights)	\$200 00
Tuition	150 00
Total	\$350 00
Due on entrance	200 00
Due at the beginning of the second semester	150 00

Students in the Music or Art Course pay in addition to the above the extra charges for instruction in Music or Art.

STUDENTS NOT RESIDING IN COLLEGE BUILDINGS.

- I. The charges for tuition (*a*) to students in the Musical or Art Course (see pp. 58, 64), or (*b*) to special students who make Music or Art a primary elective, provided such students do not occupy college rooms, are as follows :—

Music or Art (tuition varying according to the number of lessons; see below).

One full course, or one two-thirds course, in academic departments	\$35 00
One one-third course in academic departments	20 00
Due on entrance	100 00
Balance due at the beginning of the second semester.	

Students may elect on these terms work equivalent to two and one-third courses; if more than this amount is elected the full tuition of \$150 will be charged. It is to be understood that the charge for academic work is additional to that for Music or Art.

- II. The charges to all other students not occupying college rooms are as follows :—

Tuition	\$150 00
Due on entrance	100 00
Due at the beginning of the second semester	50 00

Students are liable for special damages. Checks or money orders must be made payable to the order of Wellesley College.

It must be clearly understood that in case of the withdrawal during the year, the student has no claim upon the College for the return of any part of the money she has paid.

Since the demand for rooms in the College buildings is great, application for rooms should be made as early as possible, and must be accompanied by a deposit of ten dollars; this sum will be credited on the first College bill; should the room be relinquished, the money will be refunded, but only on condition that the notice be received not later than one month before the opening of the College in September.

Rooms in the buildings will be assigned in September, strictly in the order in which the applications were received and registered, and vacancies in the buildings during the year will be filled in the same order.

Students can arrange for board at the College during the Christmas and spring vacations at \$6 per week. Board can be obtained in private families in the village at prices ranging from \$5 to \$7 per week.

EXTRA CHARGES FOR MUSIC LESSONS.

For private instruction for the College year in Piano, Organ, Harmony, Violin, or Vocal Music, two lessons per week,	\$100 00
One lesson per week	50 00
(Lessons forty-five minutes each.)	
For the same Instruction for the College year,—two half-hour lessons per week	75 00
Harmony, class of two, each student, two lessons a week	50 00
“ “ three “ “ “ “	35 00
Ensemble playing, class of three, each student	35 00
Interpretation and Analysis, class of three, each student . . .	35 00
Sight-singing and Tonic Sol-fa	15 00
(Lessons forty-five minutes weekly.)	
For use of the Piano or Reed Organ, one period daily, for the year,	10 00
For two periods daily	20 00
For three periods daily	30 00
For use of the Pipe Organ in Music Hall, one period daily, for the year	15 00
For two periods daily	30 00
For use of the Organ in the College Chapel, one period daily, for the year	20 00
For two periods daily	40 00
For additional time in proportion.	

Lectures on the Theory and History of Music are free to all students of the College.

Charges for instruction on instruments not mentioned will be fixed when the lessons are arranged.

It is understood that all arrangements for the study of music are made for the entire year. Lessons cannot be discontinued, except for extraordinary reasons, and due notice must be given to the Director. No deduction will be made for lessons lost by the student.

EXTRA CHARGES FOR INSTRUCTION IN ART.

Professional Art Students, for the College year	\$100 00
College Art Students, for the College year	80 00

Each teacher will give instruction two days in each week, and each student will have the use of the studio from 9 A. M. to 4 P. M.

Special students, for one lesson per week for the College year	\$45 00
For two lessons per week for the College year	80 00

The lessons are two and one-half hours in length.

A pupil who attends during any part of a term is expected to pay the fee for that term.

THE STUDENTS' AID SOCIETY OF WELLESLEY COLLEGE.

The object of this Society is to aid girls who would otherwise be unable to obtain an education. In many cases money is loaned to students without interest, in the expectation that whenever they are able they will repay the Society; assistance is often given partly in gifts and partly in loans. Of the money loaned during the last nine years, one third has already been returned.

The income accruing from the scholarships, together with the amount appropriated by the Society in loans and gifts, during the year 1891-92, was \$12,970. The funds at its disposal are wholly insufficient to meet the wants of the applicants. Contributions of any amount will be gladly received, and should be sent to the Treasurer of the Society, Mrs. Pauline A. Durant, Wellesley, Mass. All applications for assistance must be made by letter, addressed to the Corresponding Secretary, Mrs. J. Frederick Hill, 3 Forest Street, Cambridge, Mass.

The following scholarships of \$5,000* each have been established, their income being appropriated yearly under the direction of the Society:—

The Wood Memorial Scholarship, founded in 1878, by Mrs. Caroline A. Wood, in memory of her husband.

The Grover Scholarship, founded in 1878, by William O. Grover.

The Weston Scholarship, founded in 1878, by David M. Weston.

The Northfield Seminary Scholarship, founded in 1878.

The Pauline A. Durant Scholarship, founded in 1880, by Mr. and Mrs. Durant.

* Unless otherwise indicated.

The Sweatman Scholarship, founded in 1880, by Mr. V. C. Sweatman.
 The Walter Baker Memorial Scholarship, founded in 1880, by Mrs. Eleanor J. W. Baker; raised to \$7,000 by will of Mrs. Baker in 1892.

The Annie M. Wood Scholarship, founded in 1880, by Frank Wood.
 The Frost Scholarship, founded in 1880, by Rufus S. Frost.
 The Union Church Scholarship, founded in 1880, by Mr. and Mrs. A. W. Stetson.

The Cheever Scholarship, founded in 1880, by John H. Cheever.
 The Florence N. Brown Memorial Scholarship, founded in 1880, by Mr. and Mrs. Samuel N. Brown, Jr.
 The Augustus R. Clark Memorial Scholarship, founded in 1880, by Mr. and Mrs. A. N. Clark.

Four Harriet Fowle Scholarships, founded in 1881, by Henry Fowle Durant, in memory of his mother.

The Durant Memorial Scholarship, founded in 1883, by the officers and students of Wellesley College, in honor of Henry F. Durant.
 The Jane Topliff Memorial Scholarship, founded in 1883, by Mrs. William S. Houghton, in memory of her mother.

Five Scholarships known as the "Stone Educational Fund," founded in 1884, by Mrs. Valeria G. Stone.

The Margaret Fassett Hunnewell Memorial Scholarship, founded in 1885, by Francis Wells Hunnewell.

The Jeannie L. White Scholarship, founded in 1886, by herself.

The Mr. and Mrs. Solomon F. Smith Memorial Scholarship, founded in 1888, by George Smith, for the tuition of students from the town of Wellesley.

The Margaret McClung Cowan Fund, of \$1,000, founded in 1888, by Rev. and Mrs. P. D. Cowan, in memory of their daughter.

The Emmelar Scholarship, founded in 1889, by the Class of '91.

The Sarah J. Houghton Scholarship, founded in 1889, by William S. Houghton, in memory of his wife.

By provision of Mr. E. A. Goodenow, in 1885, the sum of \$250 is annually divided among five deserving students.

By provision of Science Hill Seminary, Shelbyville, Ky., the sum of \$150 is given each year to the candidate for Wellesley who has made the best record the preceding two years in that Seminary.

The Edith Baker Memorial Scholarship of \$7,000, founded by bequest of Mrs. E. J. W. Baker, in 1892.

The Joseph N. Fiske Memorial Scholarship, founded in 1892, by Mrs. J. N. Fiske.

The Abbie A. Coburn Memorial Scholarship of \$2,000, founded in 1892.

NEEDS OF THE COLLEGE.

The attention of all who appreciate the influence of educated and refined women, is called to the immediate needs of Wellesley College. The College is now established on such a firm basis that it can with confidence appeal to the public for aid. It has been filled with students from its beginning; during the current year it has received 696 students.

The advanced courses of study, the watchful care of the students' health, the standard of character, refinement, and usefulness, are known throughout the country. Hundreds of Wellesley students are already doing good work as teachers, and every year since the College opened, missionaries have gone forth from Wellesley to home or foreign fields of work.

The urgent needs of the College at present are the following :—

1. Unrestricted funds for defraying general expenses.
2. The endowment of the presidency and professorships.
3. A college chapel.
4. Two additional cottages.
5. A gymnasium building.
6. A scientific building.
7. An astronomical observatory, fully equipped and endowed.
8. The further equipment of the School of Art with casts, pictures, engravings, and models.
9. The endowment of the Schools of Music and Art.

FORMS OF BEQUEST.

I give and bequeath to the Trustees of Wellesley College the sum of —— thousand dollars, to be appropriated by the Trustees for the benefit of the College in such manner as they shall think will be most useful.

I give and bequeath to the Trustees of Wellesley College the sum of —— thousand dollars, to be safely invested by them, and called the —— Scholarship Fund. The interest of this fund shall be applied to aid deserving students in Wellesley College.

I give and bequeath to the Trustees of Wellesley College the sum of —— thousand dollars, to be safely invested by them, and called the —— Endowment Fund. The interest shall be applied to the payment of the salaries of teachers in Wellesley College, as the Trustees shall deem expedient.

Summary of Students by Classes.

Seniors	115	Resident Graduates	16
Juniors	119	Candidates for Bachelor's Degrees	618
Sophomores	155	Noncandidates for Degrees	95
Advanced Freshmen	7		
Freshmen	222	Total number, 1892-93	729
Total	618		
<hr/>			
Resident Candidates for higher Degrees	16		
Nonresident Candidates for higher Degrees	49		

Summary of Students by States and Countries.

United States :—		Oregon	3
Massachusetts	216	Texas	3
New York	76	Arkansas	2
Ohio	42	Georgia	2
New Jersey	40	Kansas	2
Illinois	39	Mississippi	2
Maine	38	South Dakota	2
Pennsylvania	36	Tennessee	2
New Hampshire	35	Alabama	1
Connecticut	31	Montana	1
Vermont	26	Nebraska	1
Rhode Island	18	New Mexico	1
Iowa	14	North Carolina	1
Missouri	13	Virginia	1
District of Columbia	12	Washington	1
Michigan	12	India	4
Kentucky	11	Japan	2
Minnesota	10	Brazil	1
California	5	China	1
Colorado	5	Hawaiian Islands	1
Indiana	4	Nova Scotia	1
Wisconsin	4	Turkey	1
Louisiana	3		
Maryland	3	Total	729

Degrees Conferred in 1892.

MASTER OF ARTS.

- MARY TAYLOR BLAUVELT (Wellesley, '89), Roselle, N. J. *Thesis: The Influence of the Commune in the French Revolution.*
- ESTELLE MAY HURLL (Wellesley, '82), New Bedford, Mass. *Thesis: The Fundamental Reality of the Aesthetic is its Manifestation of the Spiritual.*
- ELLA LAVINIA SMITH (Wellesley, '88), Newport, R. I. *Thesis: The Process of Reconstruction after the Civil War.*
- ANNA FOOTE WEBB (Wellesley, '82), San Sebastian, Spain. *Thesis: The Political Revolutions in Spain during the Nineteenth Century.*

BACHELOR OF ARTS.

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|--|---|
| BLANCHE BIGELOW BAKER, Detroit, Mich. | CAROLINE SHAW MADDOCKS, Auburn, Me. |
| EDITH BANCROFT, Reading, Mass. | FLORENCE MAUD MARSH, Lewiston, N. Y. |
| ABIGAIL ANTOINETTE BROOKS, Cleveland, O. | ELIZABETH MYRTILLA MAYSE, Washington, D. C. |
| MARY LOUISE BROWN, New York, N. Y. | CLARINDA MERCHANT, Nassau, N. Y. |
| ELINOR KIMBALL BRUCE, Malden, Mass. | HENRIETTA AMELIA MIRICK, Gilbertsville, N. Y. |
| HELEN ELIZABETH BRUCE, Satara, India. | ISABELLE NORTHEY, Greenbush, Mass. |
| MEDIA KATE CARRIER, Corfu, N. Y. | MARY GEORGE OSBORN, Warren, R. I. |
| HENRIETTA MAILLARD CATTELL, Deertield, N. J. | EVELYN EMMA PARKES, Rochester, N. Y. |
| BLANCHE LOUISE CLAY, Mattapan, Mass. | LOUISE POPE, Cleveland, O. |
| ONGOLA CLOUGH, Kalamazoo, Mich. | HELEN WORTHINGTON ROGERS, Tariffville, Conn. |
| HELENA MAY COREY, Sturbridge, Mass. | LUCY AGNES ROWELL, Waterville, N. Y. |
| ANNIE MAY COULTER, Clinton, Mass. | AGNES MORTON SHAW, Woburn, Mass. |
| ALICE BERTHA COURSER, Dover, N. H. | EDNA CECILIA SPAULDING, Saint Johns, Mich. |
| LILLIAN MOORE CRAWFORD, Worcester, Mass. | THERESA BURLEIGH STANTON, Sandwich, N. H. |
| JANET ELIZA DAVIDSON, Albany, N. Y. | EMILY STEWART, Cambridge, Mass. |
| VIRGINIA R. DODGE, Oak Park, Ill. | NETTA AUGUSTA STOCKWELL, Cleveland, O. |
| LUCY JANE DOW, Milford, N. H. | MAUDE WHEELER STRAIGHT, Oak Park, Ill. |
| ALICE WALBRIDGE DRANSFIELD, Rochester, N. Y. | ELIZABETH GRIER STRONG, New Brunswick, N. J. |
| MARY ALICE EMERSON, Boston, Mass. | JOSEPHINE THAYER, Milford, Mass. |
| ELLEN WAKE FINKZ, Wellesley Hills, Mass. | EDITH PARKER THOMSON, New York, N. Y. |
| JENNIE MAYHEW FURBER, Boston, Mass. | MARY RUTH DE VOU, Wilmington, Del. |
| HARRIET NEWELL GAGE, Manchester, N. H. | KATE MORGAN WARD, Montclair, N. J. |
| CONNELIA ELIZABETH GREEN, Providence, R. I. | EVA LOUISE WARFIELD, Brockton, Mass. |
| ELEANOR BURGES GREEN, Providence, R. I. | MARIA GILBERT WEBBER, Boston, Mass. |
| BESSIE GREENMAN, Mystic, Conn. | FLORENCE WILKINSON, Tarrytown, N. Y. |
| GRACE EDITH GRUBER, Boston, Mass. | SARAH PAMELA WILLIAMS, Albany, N. Y. |
| PAULETTA GOFFEY, Pittsburg, Pa. | ANNA LILIAN WINEGAR, Clyde, N. Y. |
| CHARLOTTE HAND, Scranton, Pa. | FLORENCE ANNETTE WING, Lexington, Miss. |
| MARY ELIZABETH HOLMES, Mystic, Conn. | MABEL BLANCHE WOODBURY, Holfiston, Mass. |
| MAUDE RYLAND KELLER, Selinsgrove, Pa. | GERTRUDE LEE WOODIN, Amherst, Mass. |
| MARGARET LAUDER, South Norwalk, Conn. | MARY SWIFT WRIGHT, Germantown, Pa. |
| ELIZA LITTLE, Pawtucket, R. I. | |
| ANNA WILLARD LOCKE, Nashua, N. J. | |
| EDITH GRIER LONG, Dayton, N. J. | |
| MARTHA GAURE McCAULEY, Wilmington, Del. | |

BACHELOR OF SCIENCE.

MARY ADELAIDE ALEXANDER,
Medford, Mass.
HARRIET ELIZABETH BALCH, Yonkers, N. Y.
EMILY ELIZABETH BRIGGS, New York, N. Y.
CLARA FAY BUCK, Fall River, Mass.
CLARA MARIA BURT, Plainfield, N. J.
HELEN TROTH CHAMBERS, Newtown, Pa.
MAHEL CLARK, Terryville, Conn.
MARY GERTRUDE CUSHING, Boston, Mass.
HARRIET LINCOLN DAMON, Concord, Mass.
INEZ DE LASHMUTT, Portland, Ore.
MARY REED EASTMAN, Albany, N. Y.
KATHARINE REED ELLIOTT, Hannibal, Mo.
DORA BAY EMERSON, Rockford, Ill.
MARY JOSEPHINE EMERSON, Stoneham, Mass.
ERMINA FERRIS, Denver, Col.
CARRIE GRAY FROST, Emporia, Kan.
MAHEL STANLEY GLOVER, Washington, D. C.
MARTHA FREEMAN GODDARD,
Worcester, Mass.
MARGARET HARDON, Newton, Mass.
HARRIET DIANTHA HARWOOD,
Bennington, Vt.
MARY AUGUSTA HAWLEY, Manchester, N. H.
HELEN BASSETT HILL, Chicago, Ill.
AGNES SINCLAIR HOLBROOK, Marengo, Ia.
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